

Page	Description
1	Table of Contents
2	Audio, Base
3	Audio, Premium 1/2
4	Audio, Premium 2/2
5	Body Controller Front J1, J2
6	Body Controller Front J3, Cables
7	Body Controller Front J4
8	Body Controller Left J1, Center Console
9	Body Controller Left J2, OHC
10	Body Controller Right J1
11	Body Controller Right J2, J5
12	Body Controller Dashboard
13	Brake Controls
14	CAN Chassis
15	CAN Party
16	CAN Vehicle
17	Charge Port Inlet
18	Door Front Left
19	Door Front Right
20	Door Rear
21	Drive Inverters
22	Driver Assistance
23	Driver Assistance, RHD
24	eCall
25	HV Battery & HVIL
26	HV Penthouse
27	HVAC Case Subassembly
28	HVAC Thermal Subassembly
29	Power Distribution, E-Fuse VCFront, J1-J4
30	Power Distribution, E-Fuse VCFront, J5-J12
31	Power Distribution, E-Fuse VLeft, J1-J3
32	Power Distribution, E-Fuse VLeft, J4-J9
33	Power Distribution, E-Fuse VRight, J1-J3
34	Power Distribution, E-Fuse VRight, J4-J9
35	Power Distribution, Grounding A,B,C Pillars
36	Power Distribution, Grounding Frunk
37	Power Distribution, Grounding Trunk
38	Restraints Airbags
39	RF/Special Cables
40	RF/Special Cables, RHD
41	Seats Front Left
42	Seats Front Right
43	Security Controls
44	Steering
45	Ultrasonics

Table 1: Abbreviations

LF	Left Front	RF	Right Front
LR	Left Rear	RR	Right Rear
LHS	Left-Hand Side	RHS	Right-Hand Side

Table 2: Harness Designators

A	LH BODY	Q	PARCEL SHELF
B	RH BODY	R	LH RR DOOR
C	CENTER CONSOLE	S	RH RR DOOR
D	LH FR DOOR	T	LIFT GATE
F	FR FASCIA	U	THERMAL
G	RR FASCIA	V	GLASS
H	HV PENTHOUSE	W	FRUNK
J	IP	X	REAR SUBFRAME
K	HEADLINER	Y	FRONT SEATS
L	FRONT END MODULE		
N	FRONT SUBFRAME		
P	RH FR DOOR		

Table 3: Wire Color Designators

BK	Black	OG	Orange
BN	Brown	RD	Red
BU	Blue	VT	Violet (Purple)
GN	Green	WH	White
GY	Gray	YE	Yellow

Table 4: Wire Type Designators

FLRY	Thin wall 105C rated, regular stranded PVC insulated [FLRY-A]
FLRB	Thin wall 105C rated, bunched conductor PVC insulated [FLRY-B]
MCIV	Thin wall 105C rated, compressed conductor PVC (halogen free) insulated
XR15	Thin wall 150C rated, cross-linked polyolefin, high flexible
FLXB	Thin wall 125C rated, cross-linked polyolefin, high flexible, halogen free insulated
3TBL	Thick wall 105C rated, aluminum conductor PVC insulated

General Notes:

- Switches [Relays] are shown in their inactive [de-energized] state.
- Splices may be split across pages for visual clarity with respect to the function displayed on the particular page.
- Some connectors are split across multiple pages for clarity.
There is no overall reference in this document for the signals routed to a specific connector.
- Wire sizes are specified in mm² cross-sectional area (CSA) per SAE 1127/8
- Wire Specification: 60V, thin-wall PVC (ISO type or equivalent).
Default wire type to be rated 60VDC/25VAC and -40C to 105C operating temperature.
See DIN 13602 or ISO 6722 for detailed specifications.
- Unless otherwise specified at the device pins, terminal plating is to be Tin or Pre-Tin

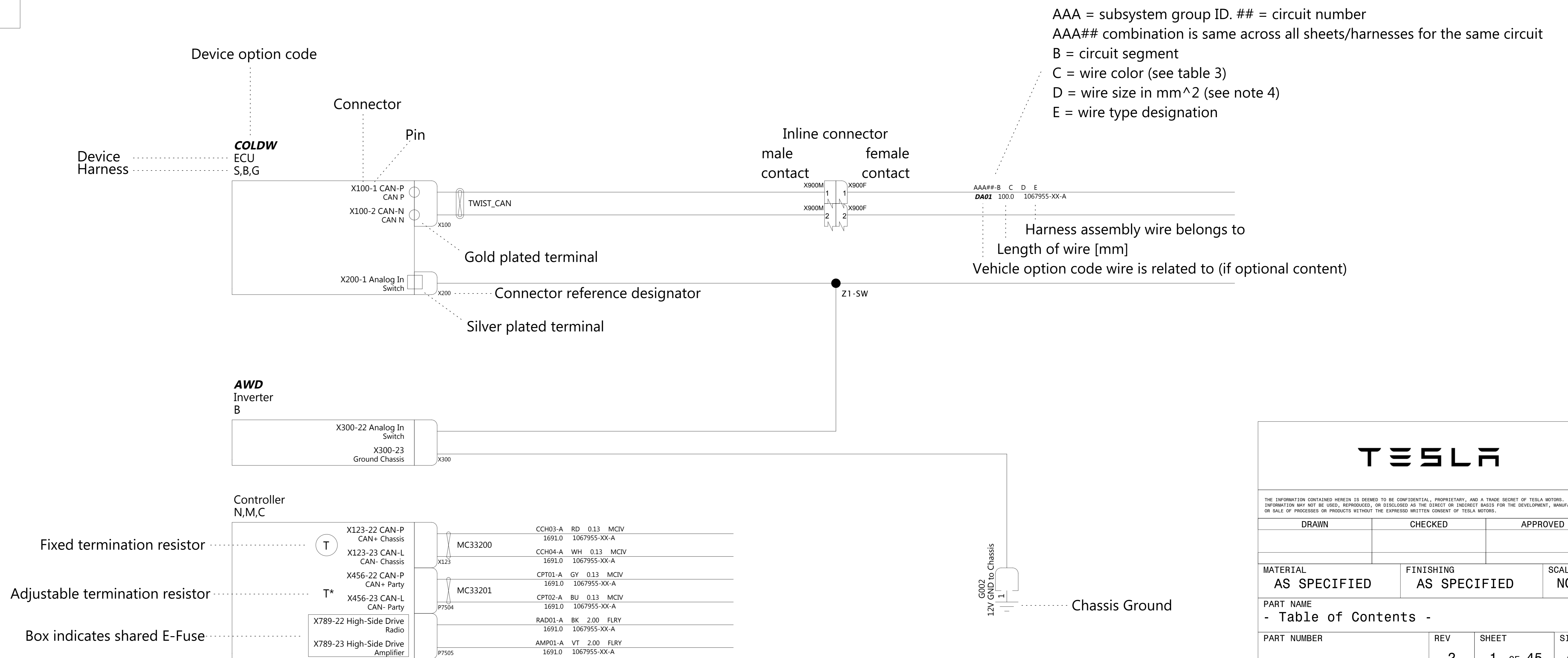
TERMINAL PLATING

- GOLD TERMINAL NECESSARY
- SILVER PLATING NECESSARY

- Inline connector gender specification is based on the terminal type.
Inline connectors with "M" suffix have male, tab or pin terminals
Inline connectors with "F" suffix have female, receptacle or socket terminals

Table 5: Option Codes

DRIVR	Driver Seat
PASSN	Passenger Seat
LHST	Left side Seat
RHST	Right Side Seat
FOG	Fog Light
PCOLM	Power Steering Column
PAUDIO	Premium Audio
COLDW	Cold Weather Package
LHD	Left Hand Drive
RHD	Right Hand Drive
AWD	All Wheel Drive
RWD	Rear Wheel Drive
PINLT	Premium Interior Lights
PMIRROR	Premium Mirror with Powerfold
REEU	Region Europe
RENA	Region North America
CSUSP	Coil Suspension
PREMST	Premium Seat



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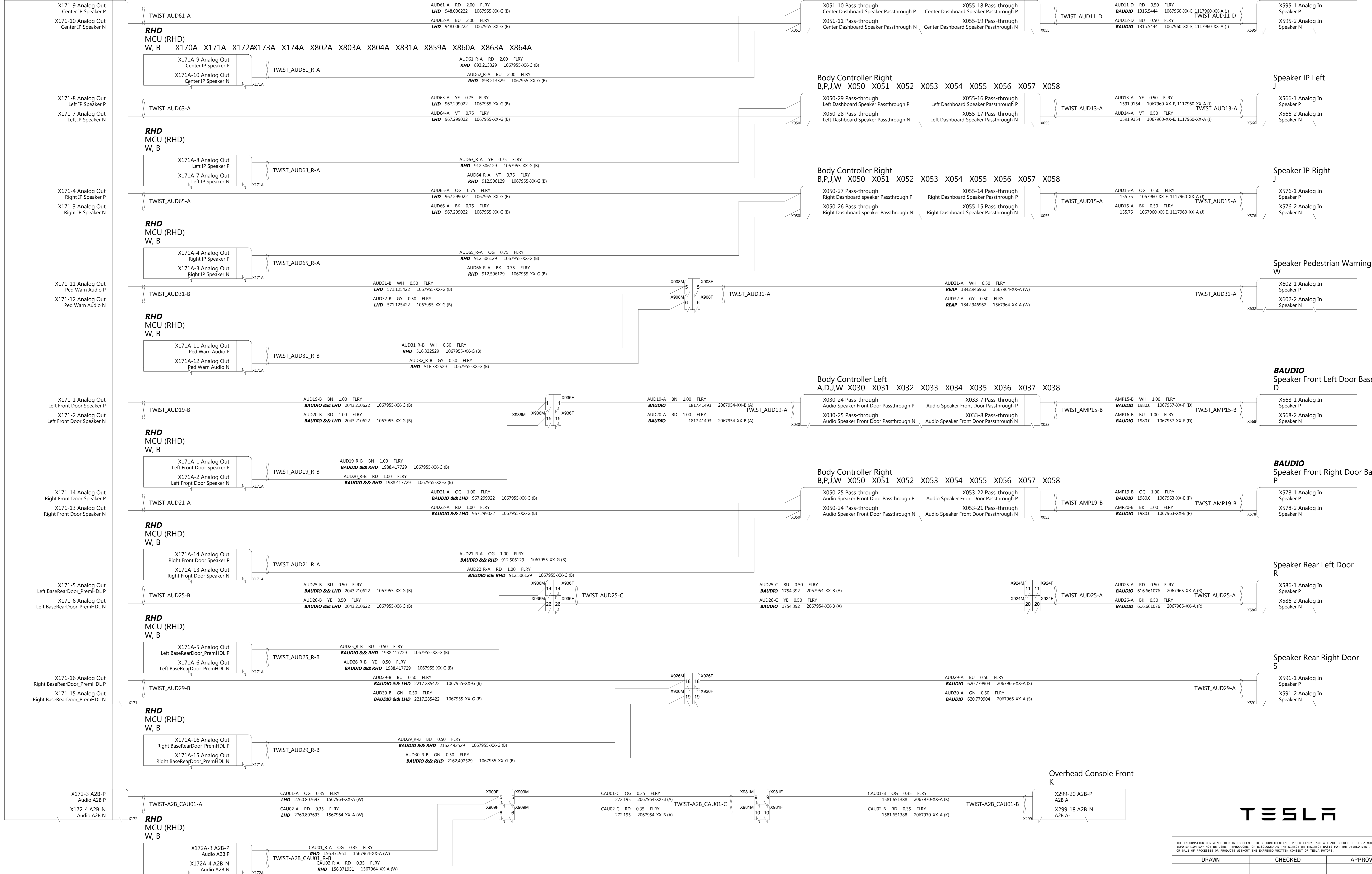
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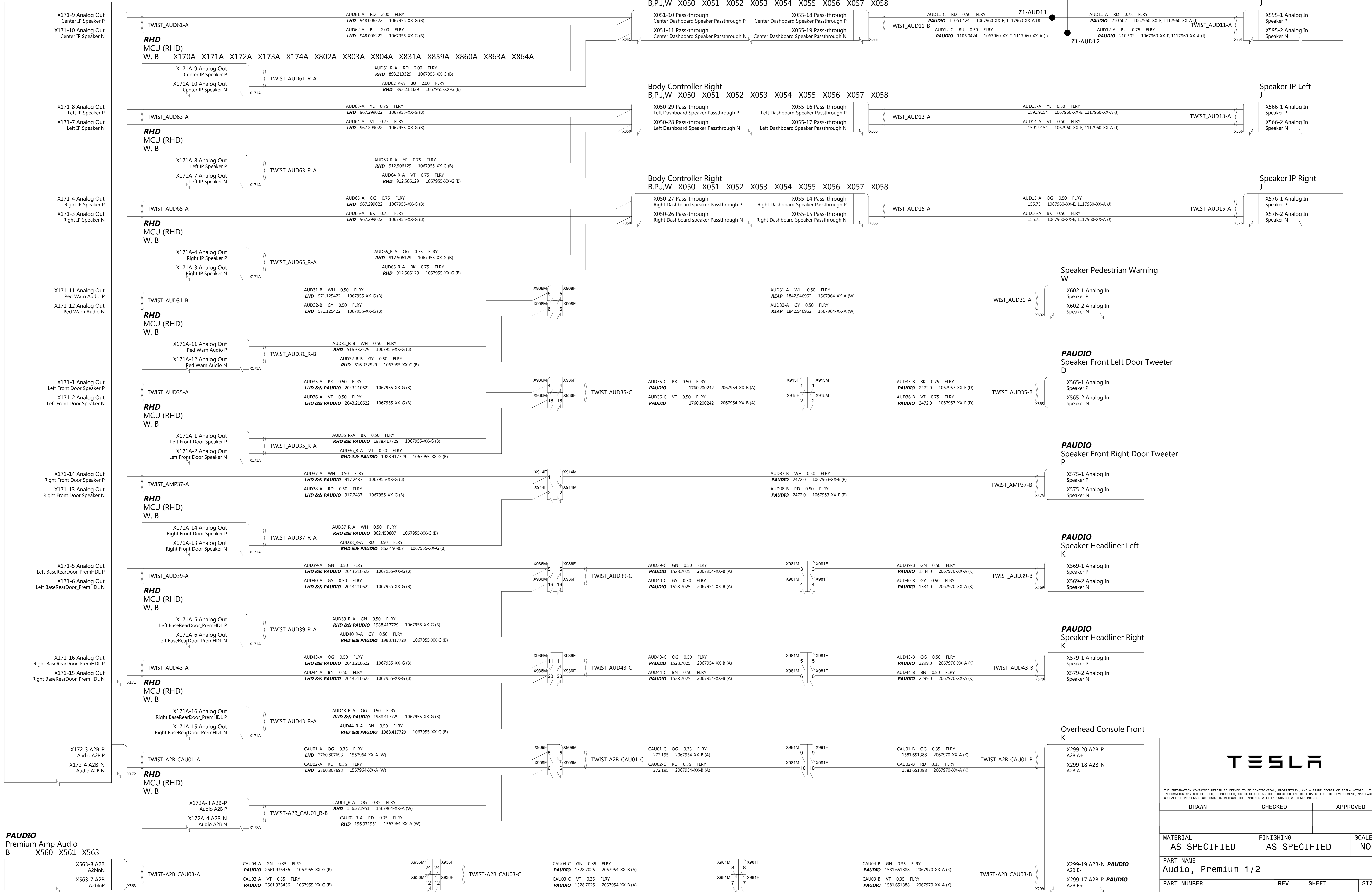
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LHD
MCU (LHD)
W,B X170 X171 X172 X173 X174 X802 X803 X804 X831 X859 X860 X863 X864



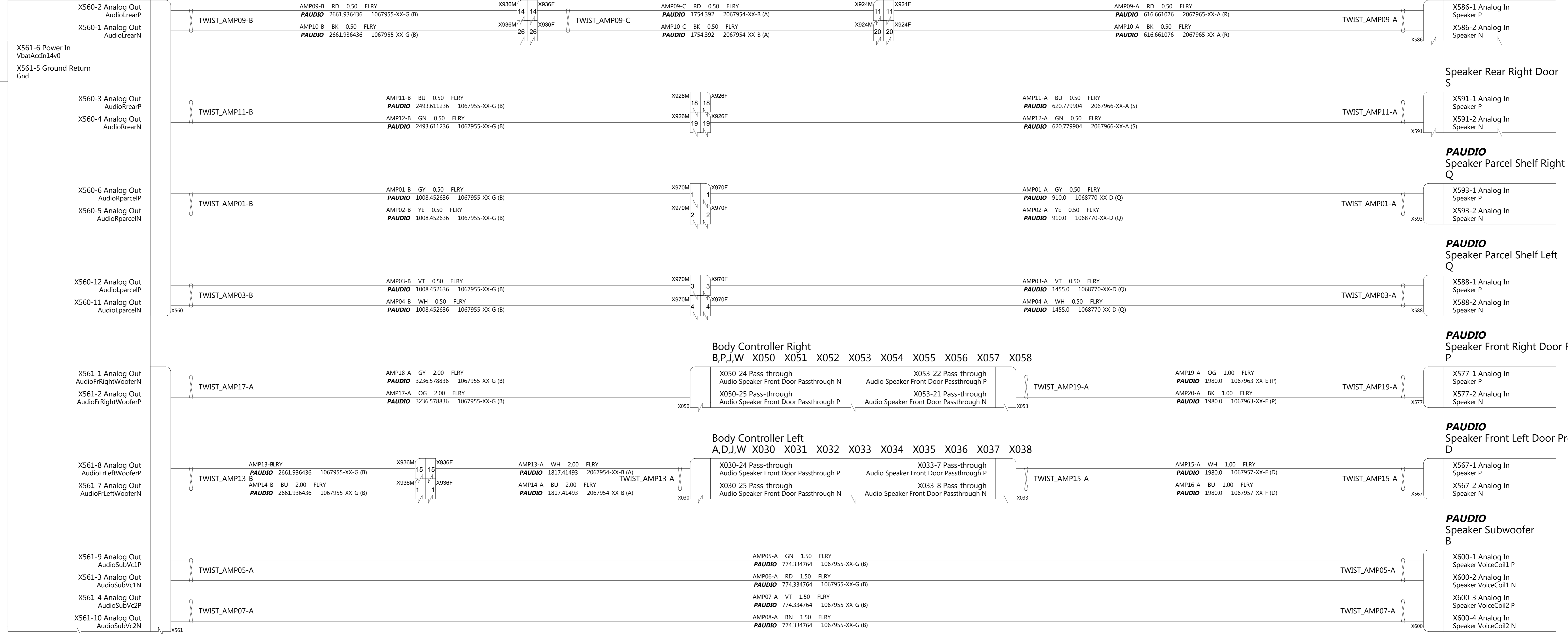
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PART NAME Audio, Base			
PART NUMBER	REV	SHEET	SIZE
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LHD
 MCU (LHD)
 W,B X170 X171 X172 X173 X174 X802 X803 X804 X831 X859 X860 X863 X864



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SCALE NONE		PART NAME Audio, Premium 1/2	
PART NUMBER	REV	SHEET	SIZE
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PAUDIO
Premium Amp Audio
B X560 X561 X563



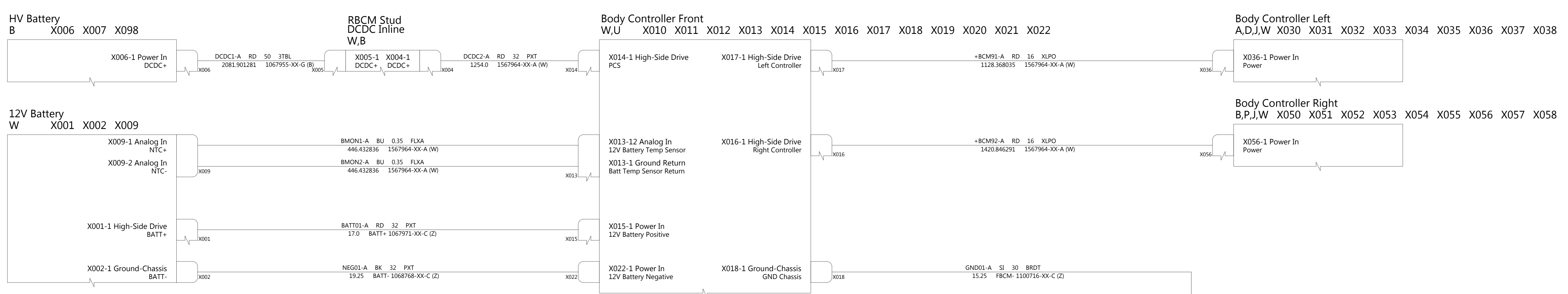
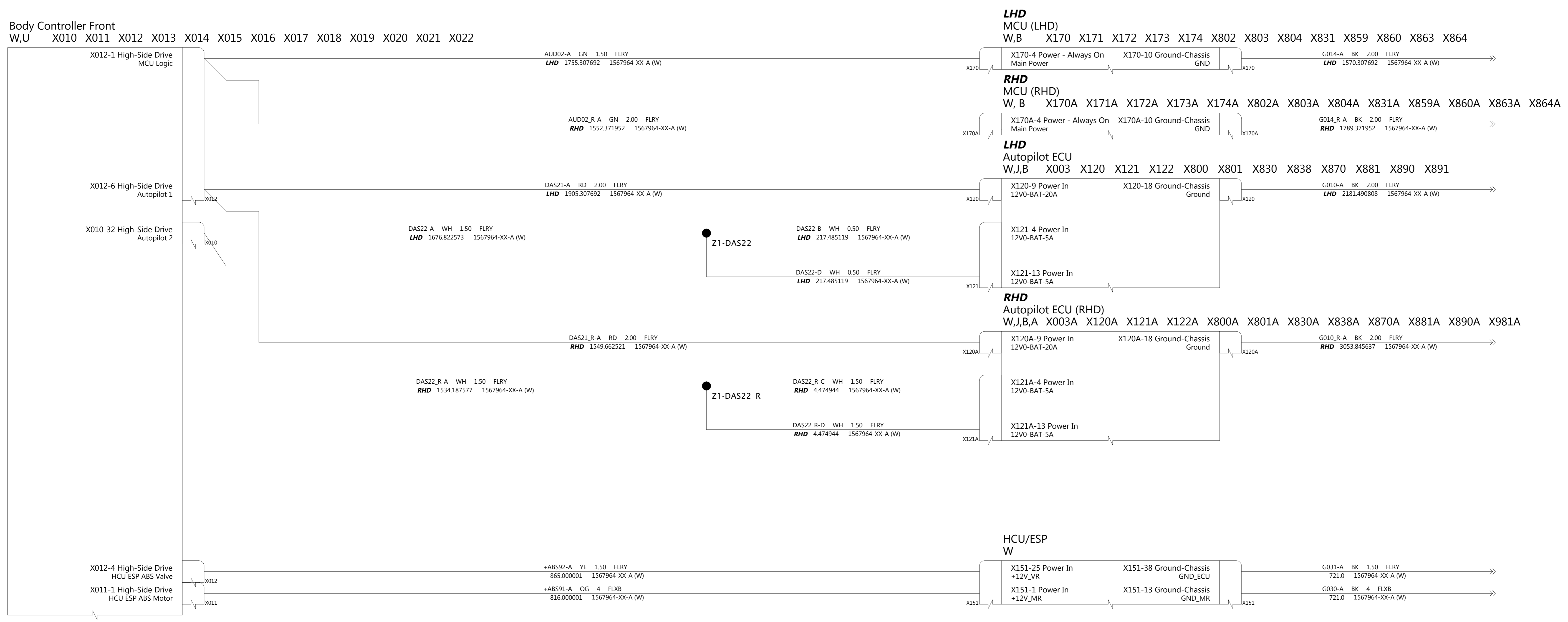
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PART NUMBER	REV	SHEET
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		SIZE A0



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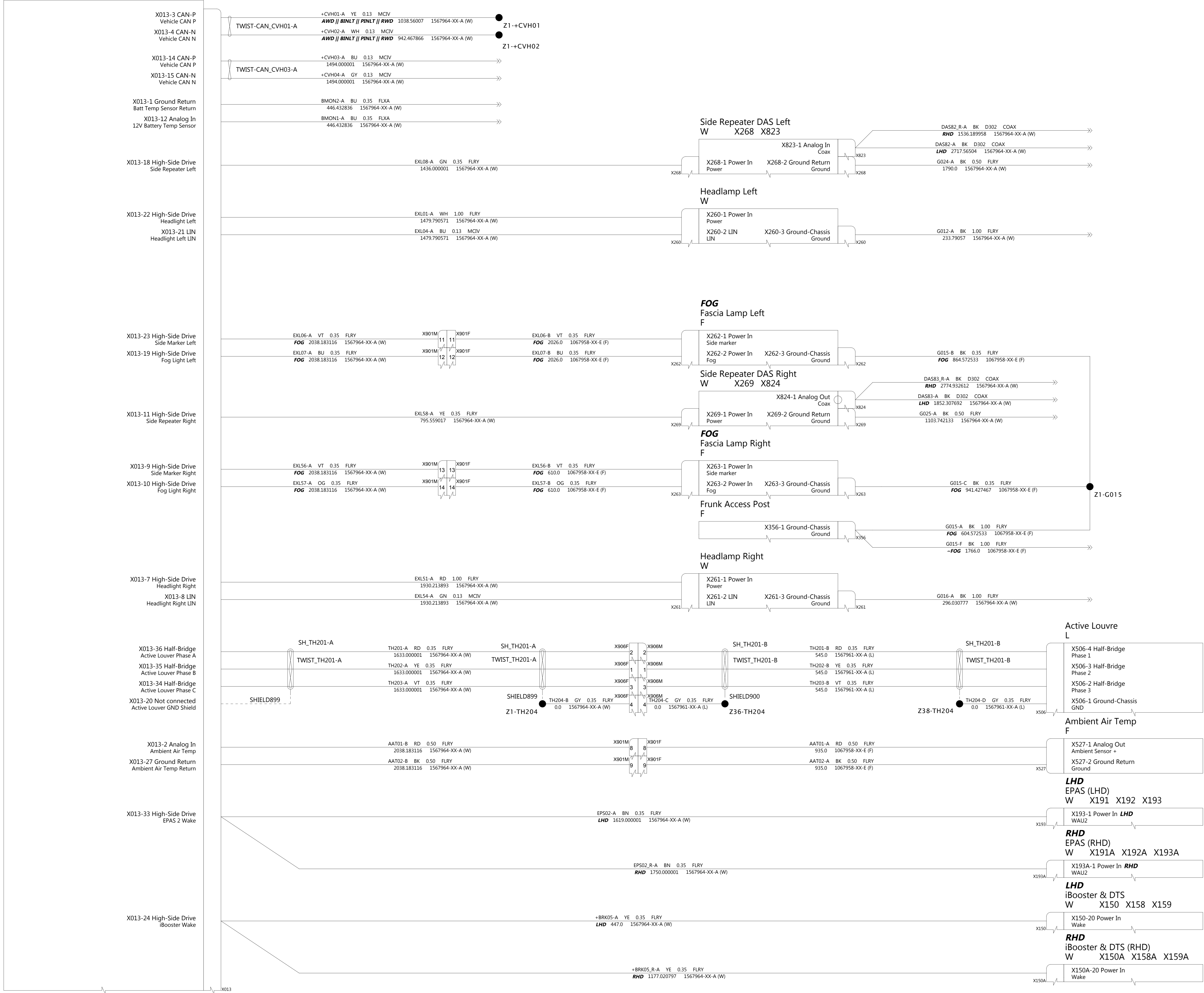
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Body Controller Front J3, Cables		
PART NUMBER	REV	SHEET
	2	6 OF 45
		SIZE A0

Body Controller Front
W,U X010 X011 X012 X013 X014 X015 X016 X017 X018 X019 X020 X021 X022



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FINISHING AS SPECIFIED		SCALE NONE
PART NAME Body Controller Front J4		
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		SIZE A0

Body Controller Left
A,D,J,W X030 X031 X032 X033 X034 X035 X036 X037 X038

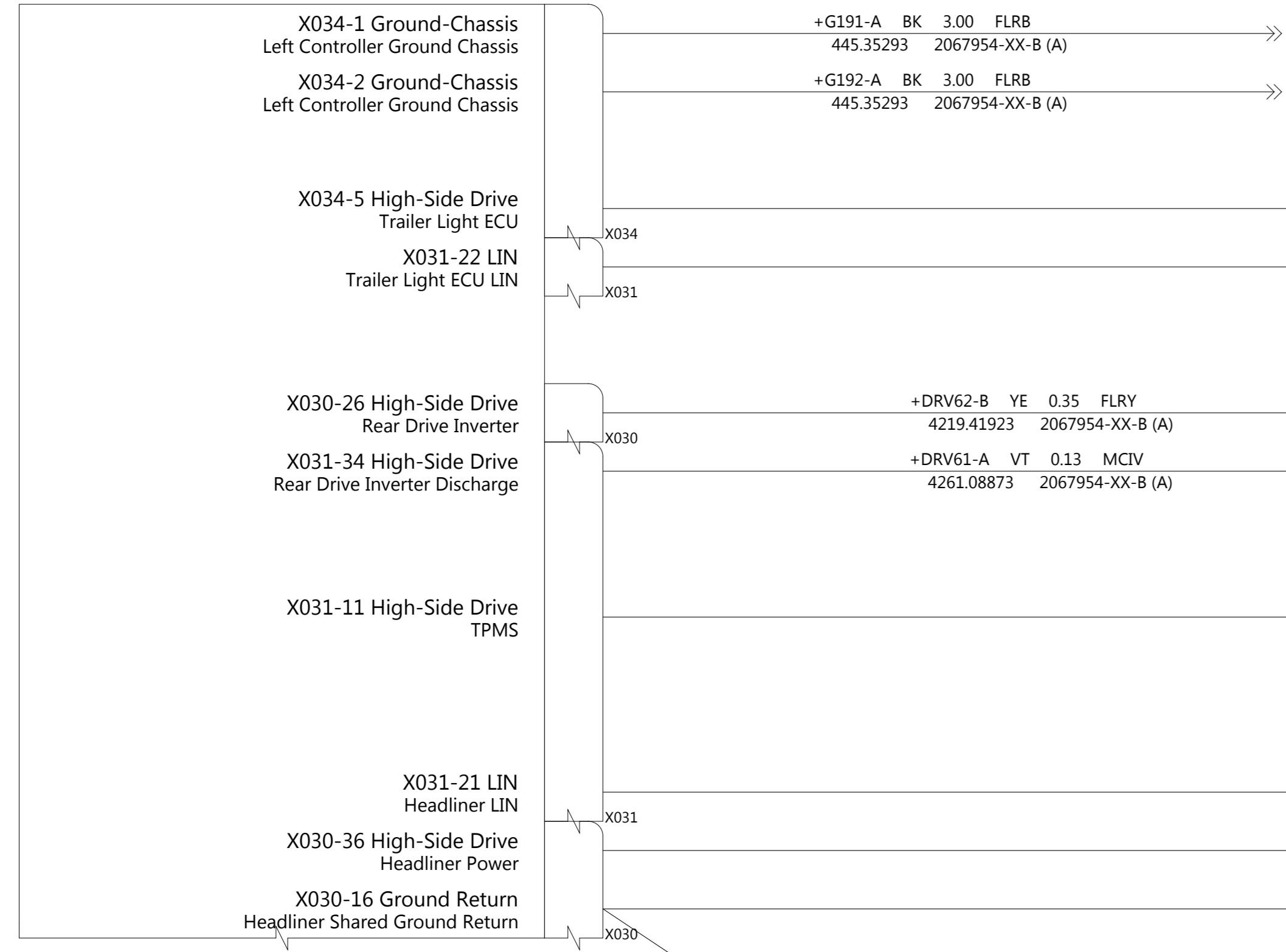


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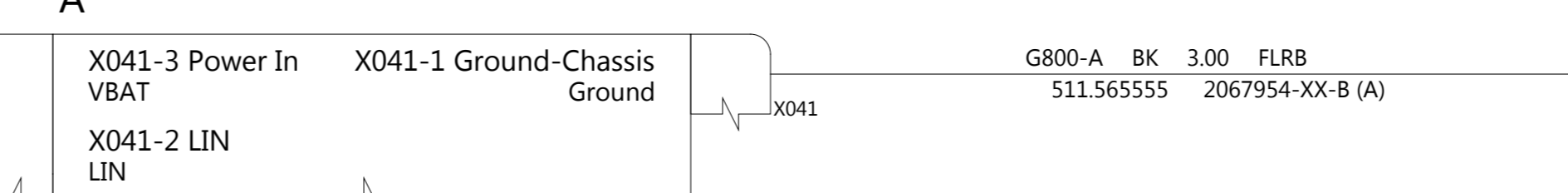
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PART NUMBER	REV	SHEET
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		SIZE A0

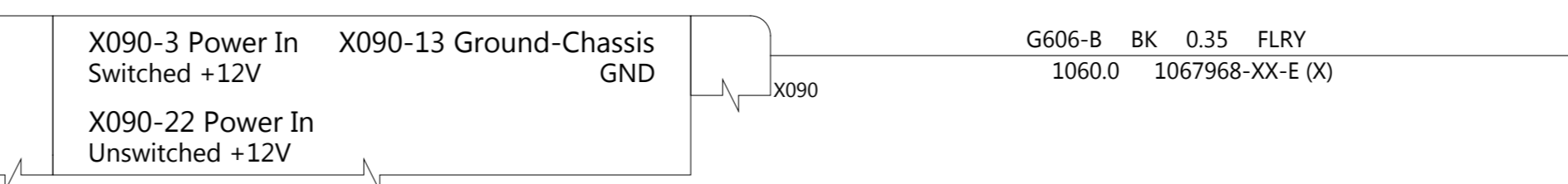
Body Controller Left
A,D,J,W X030 X031 X032 X033 X034 X035 X036 X037 X038



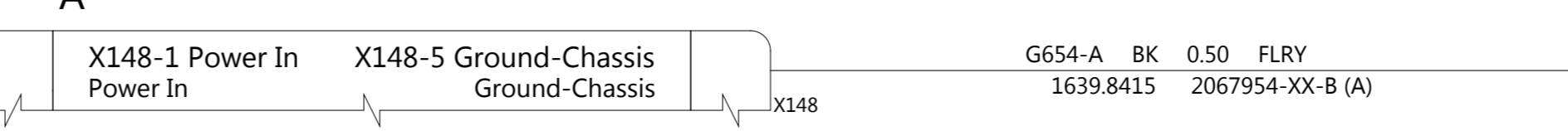
Trailer Light Controller
A



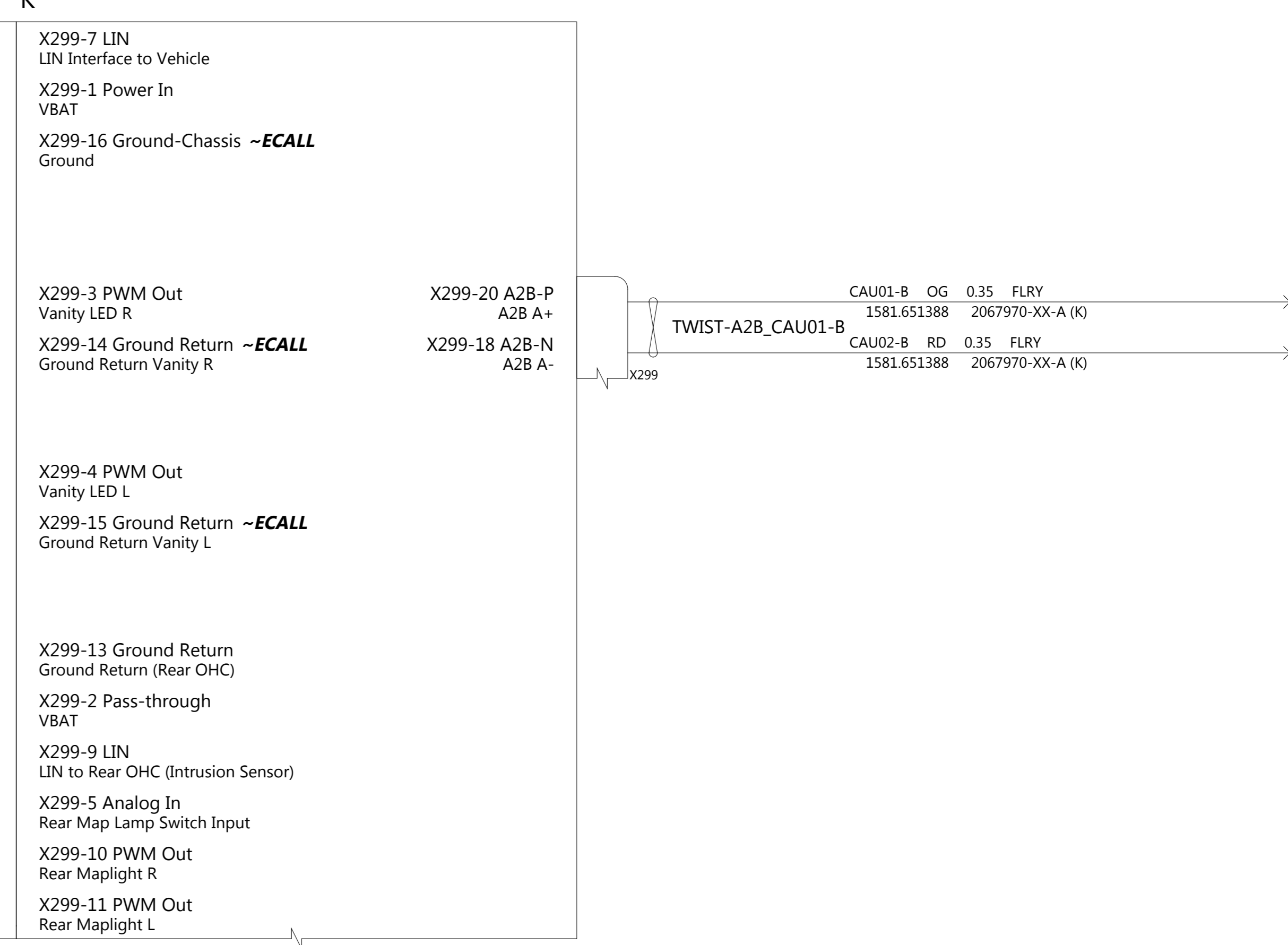
Drive Inverter Rear & Resolver
X X091 X090



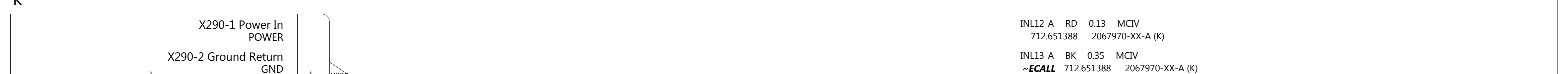
TPMS
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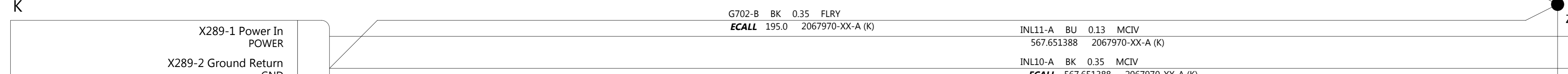
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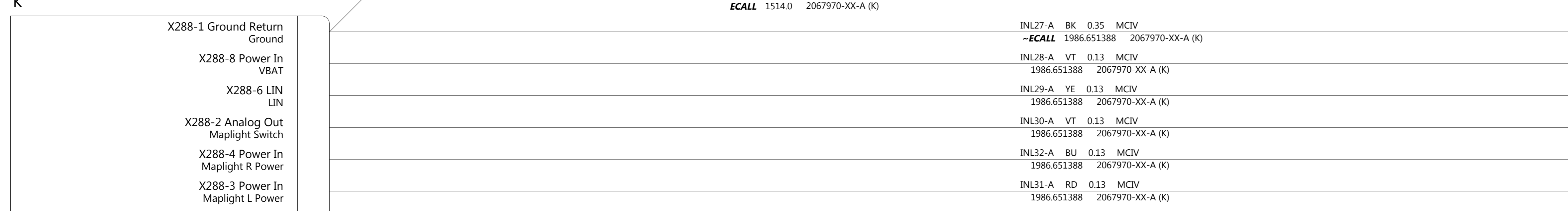
Vanity LED Right
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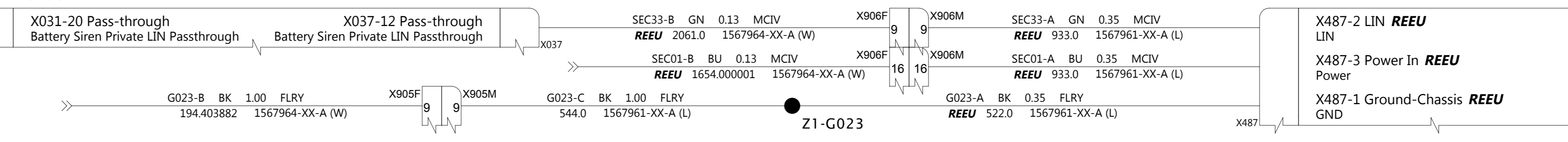
Vanity LED Left
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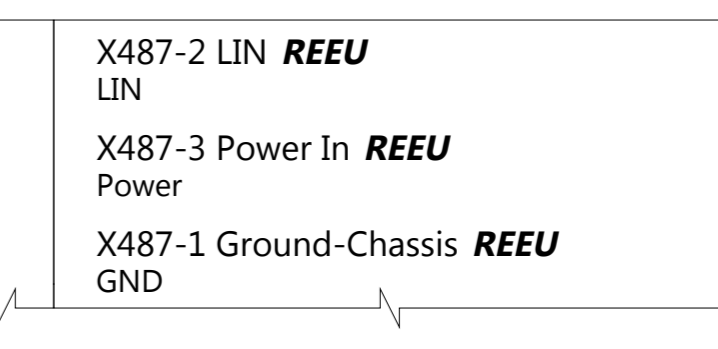
Overhead Console Rear
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Body Controller Left
A,D,J,W X030



REEU
Battery Backup Siren
L



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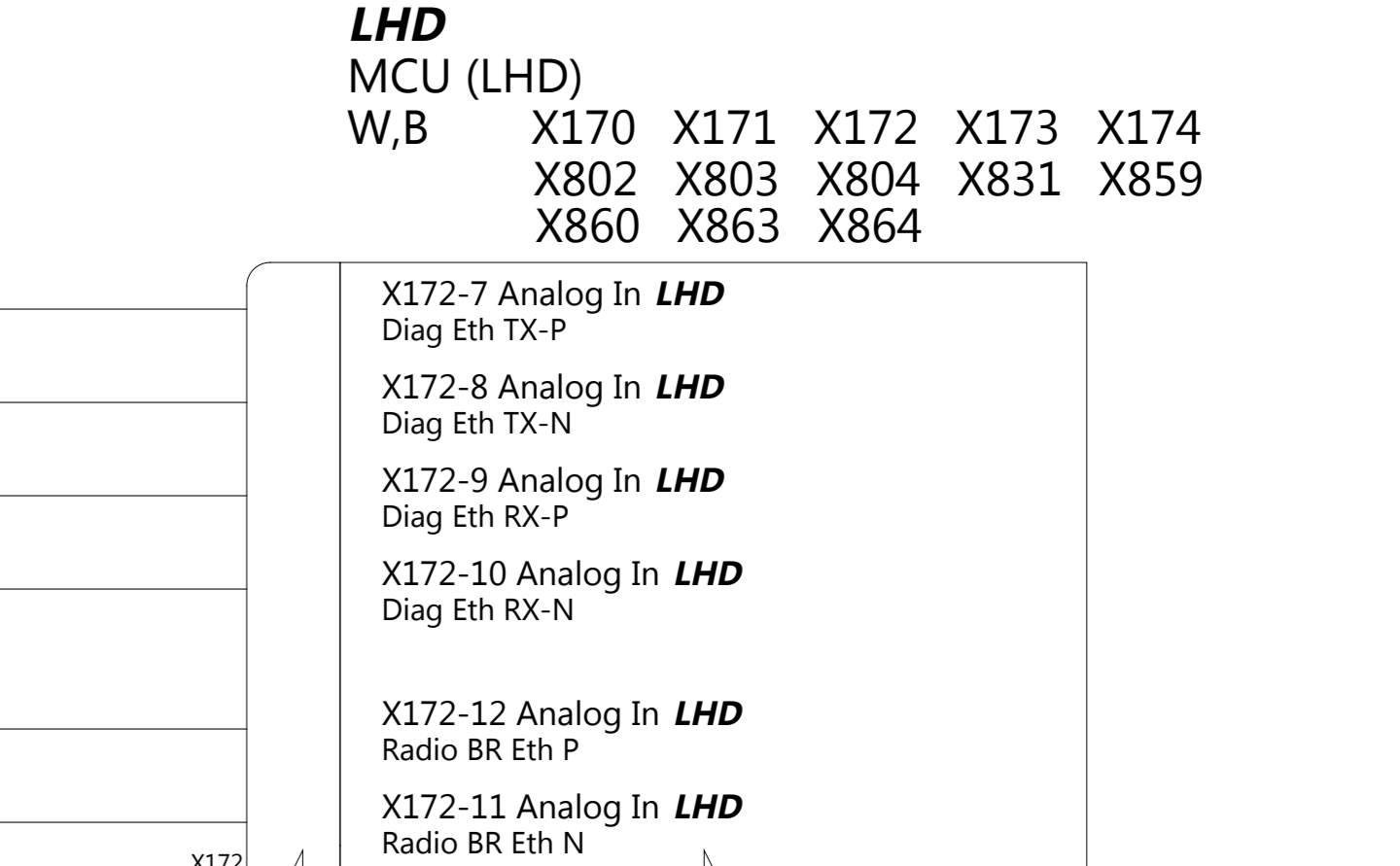
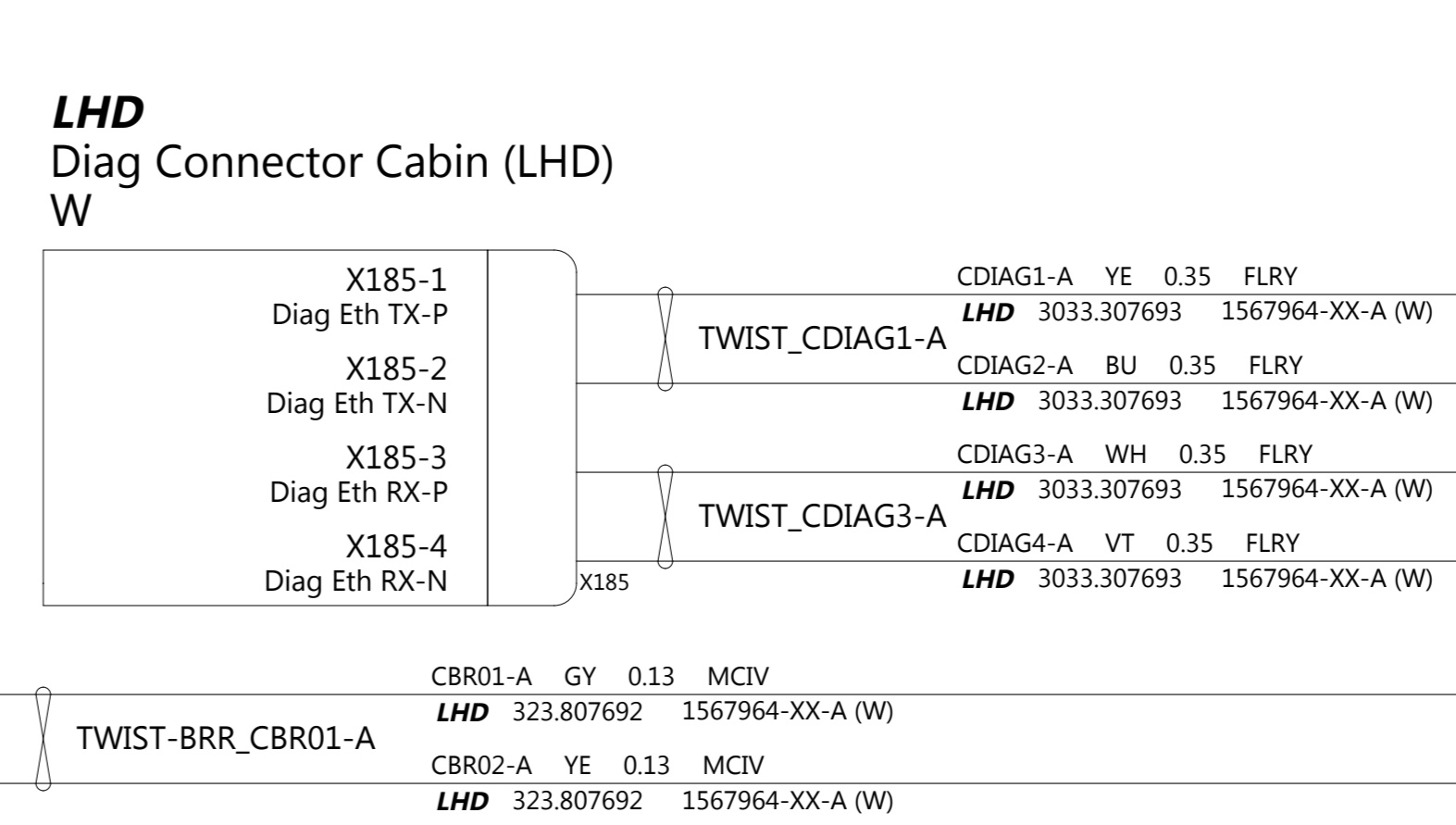
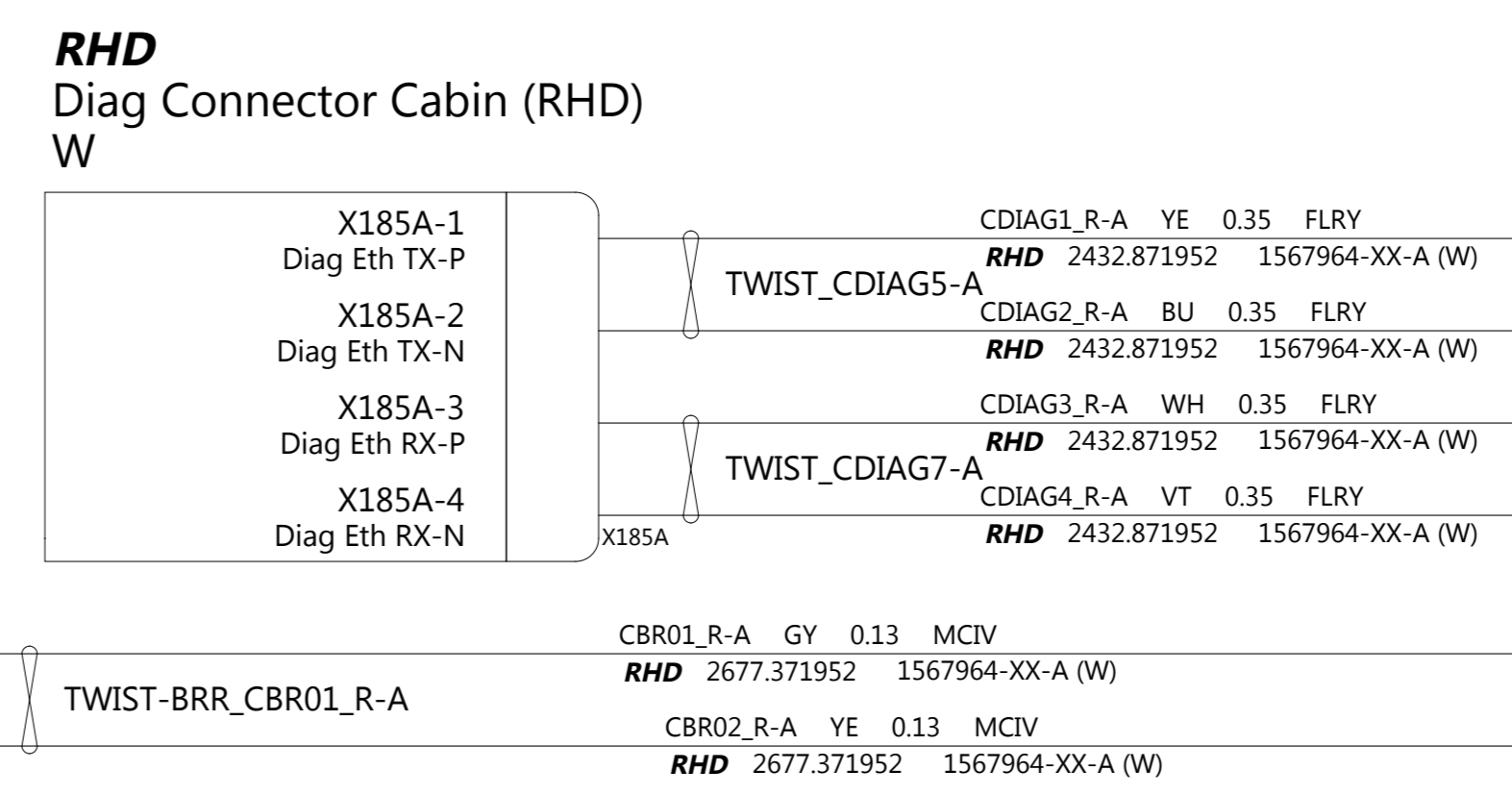
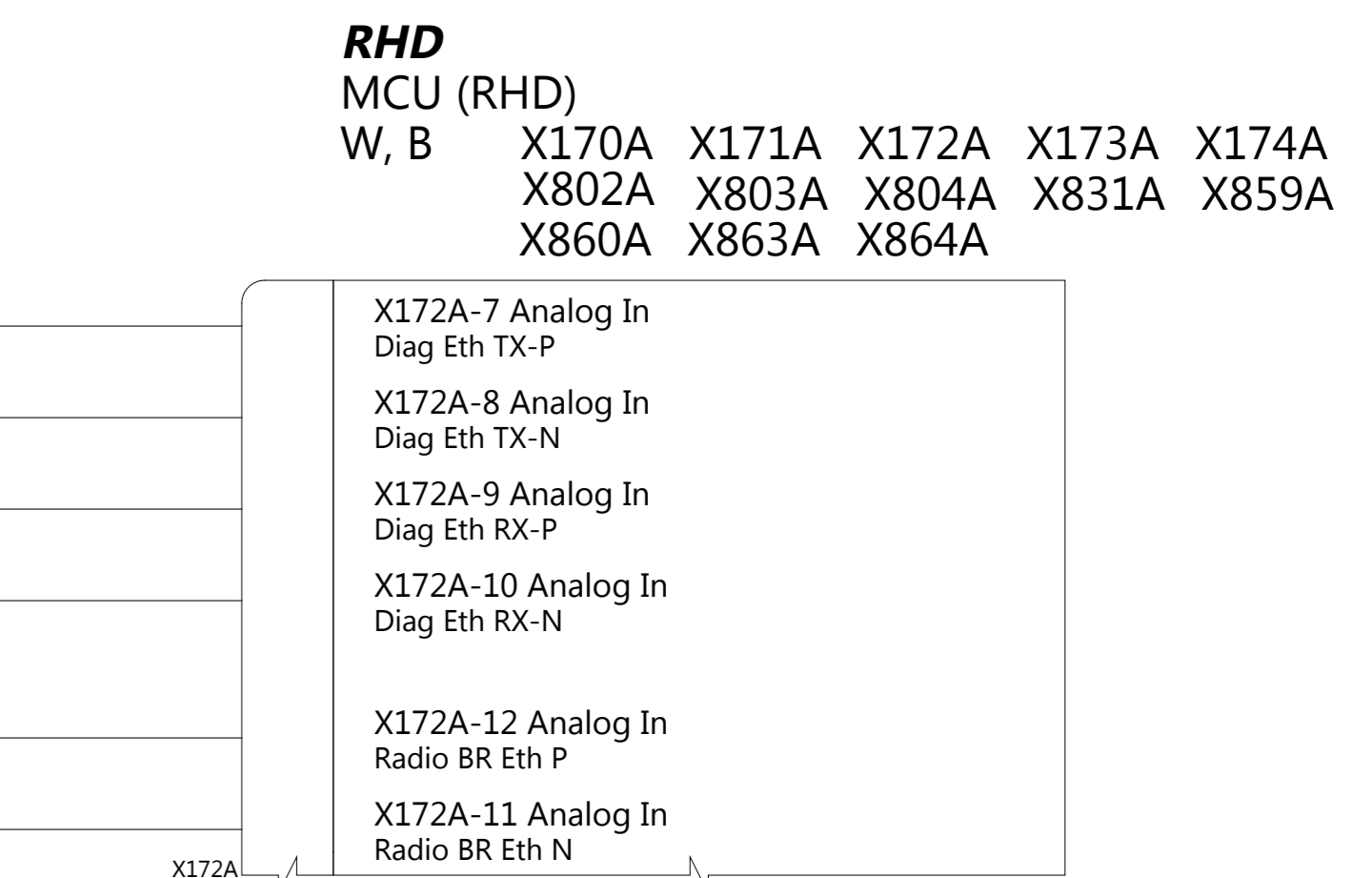
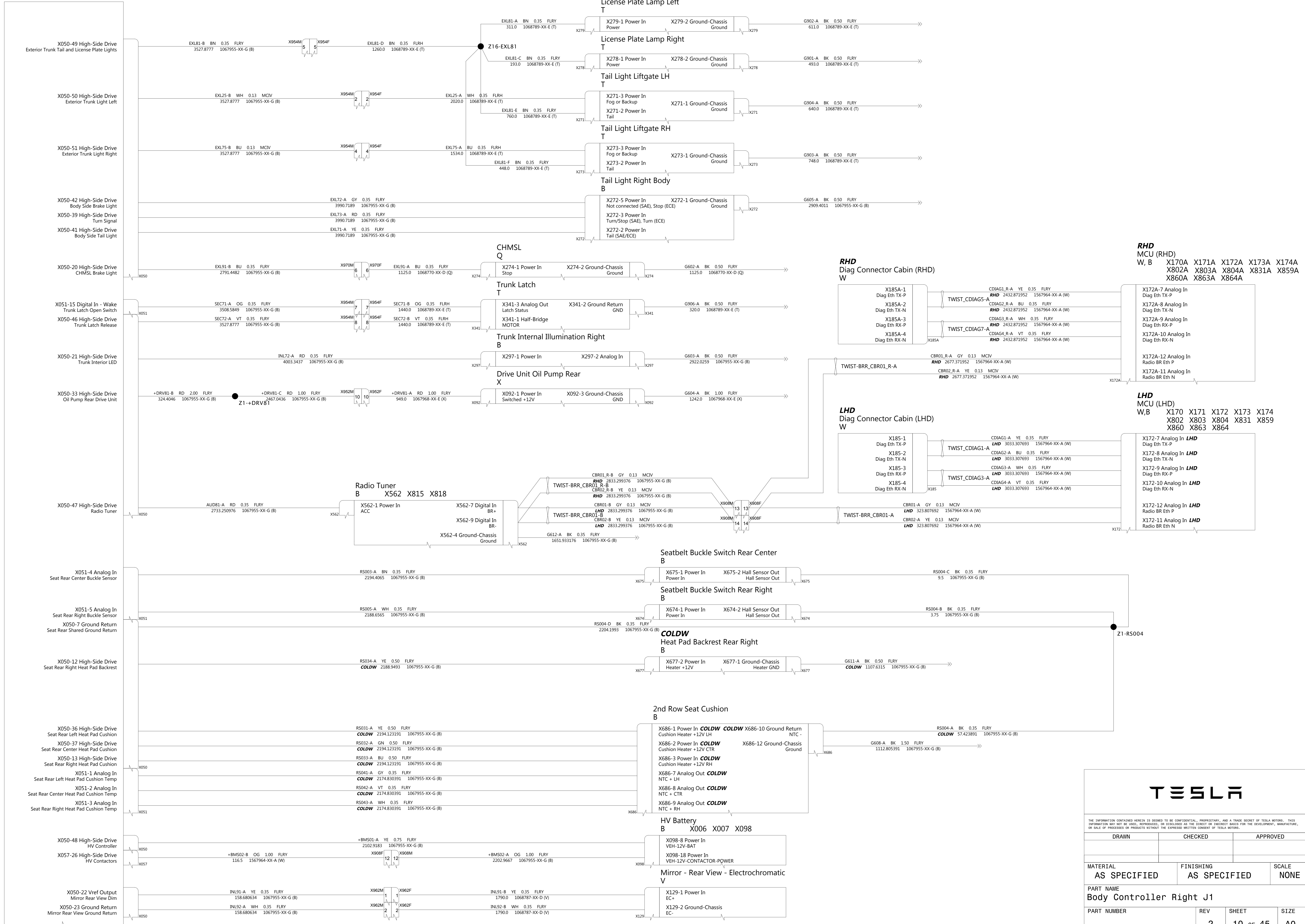
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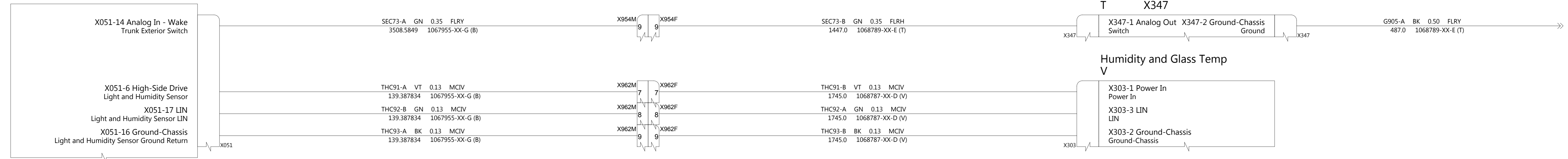
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Body Controller Right
B,P,J,W X050 X051 X052 X053 X054 X055 X056 X057 X058

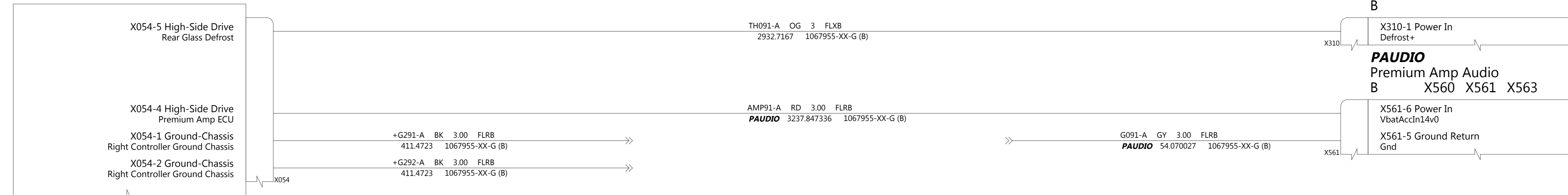


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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Body Controller Right J1			
PART NUMBER	REV	SHEET	SIZE
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Body Controller Right
B,P,J,W X050 X051 X052 X053 X054 X055 X056 X057 X058



Body Controller Right
B,P,J,W X050 X051 X052 X053 X054 X055 X056 X057 X058

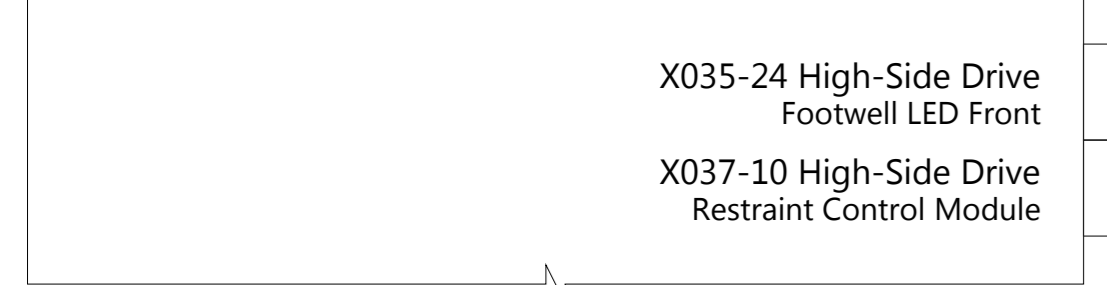


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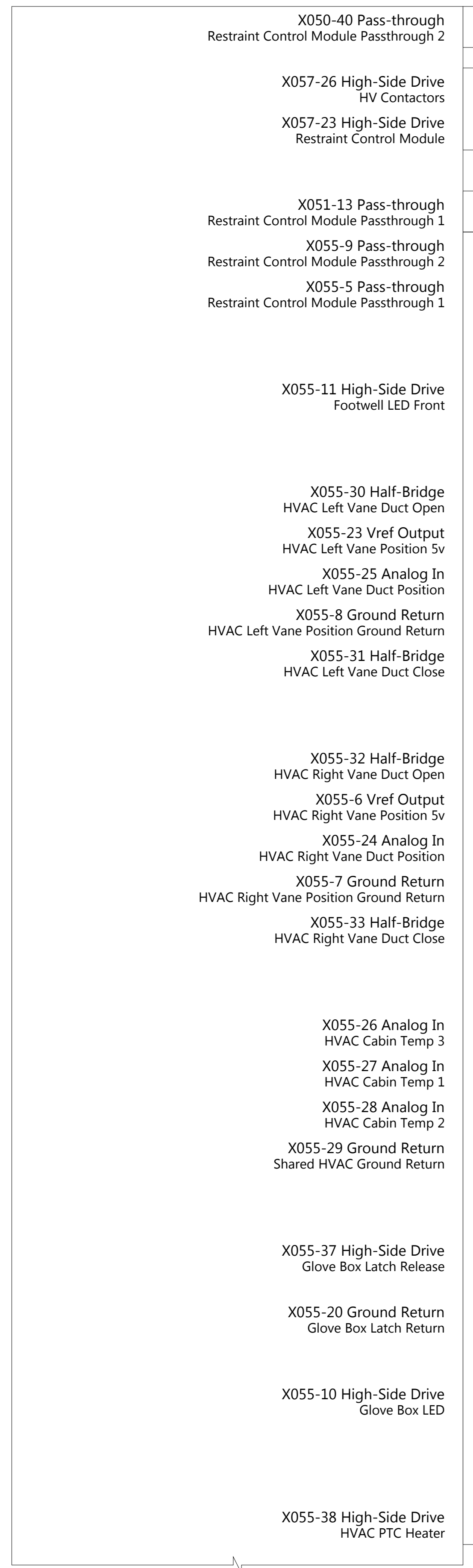
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PART NUMBER	REV	SHEET
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		SIZE A0

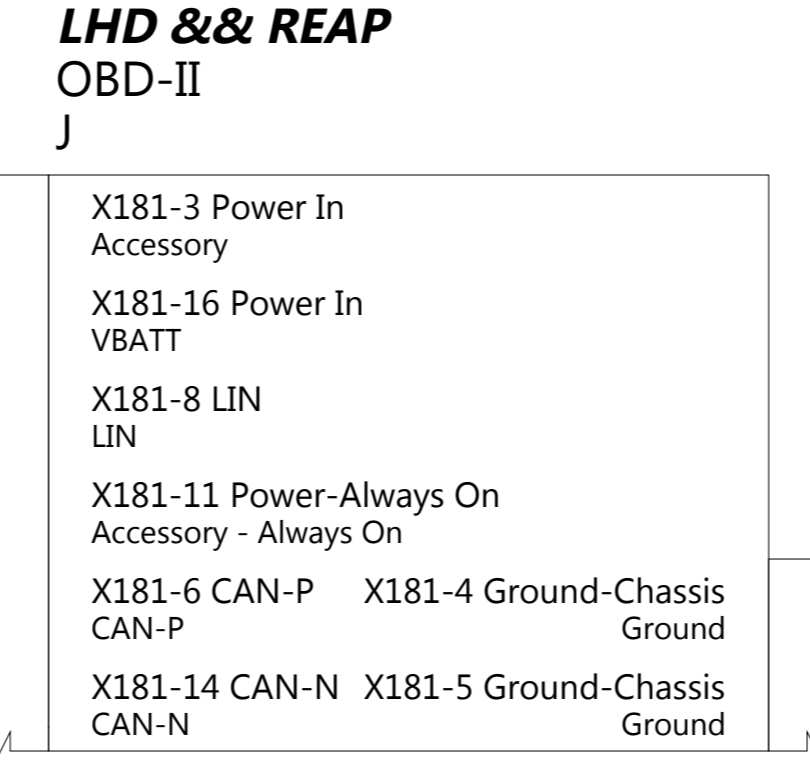
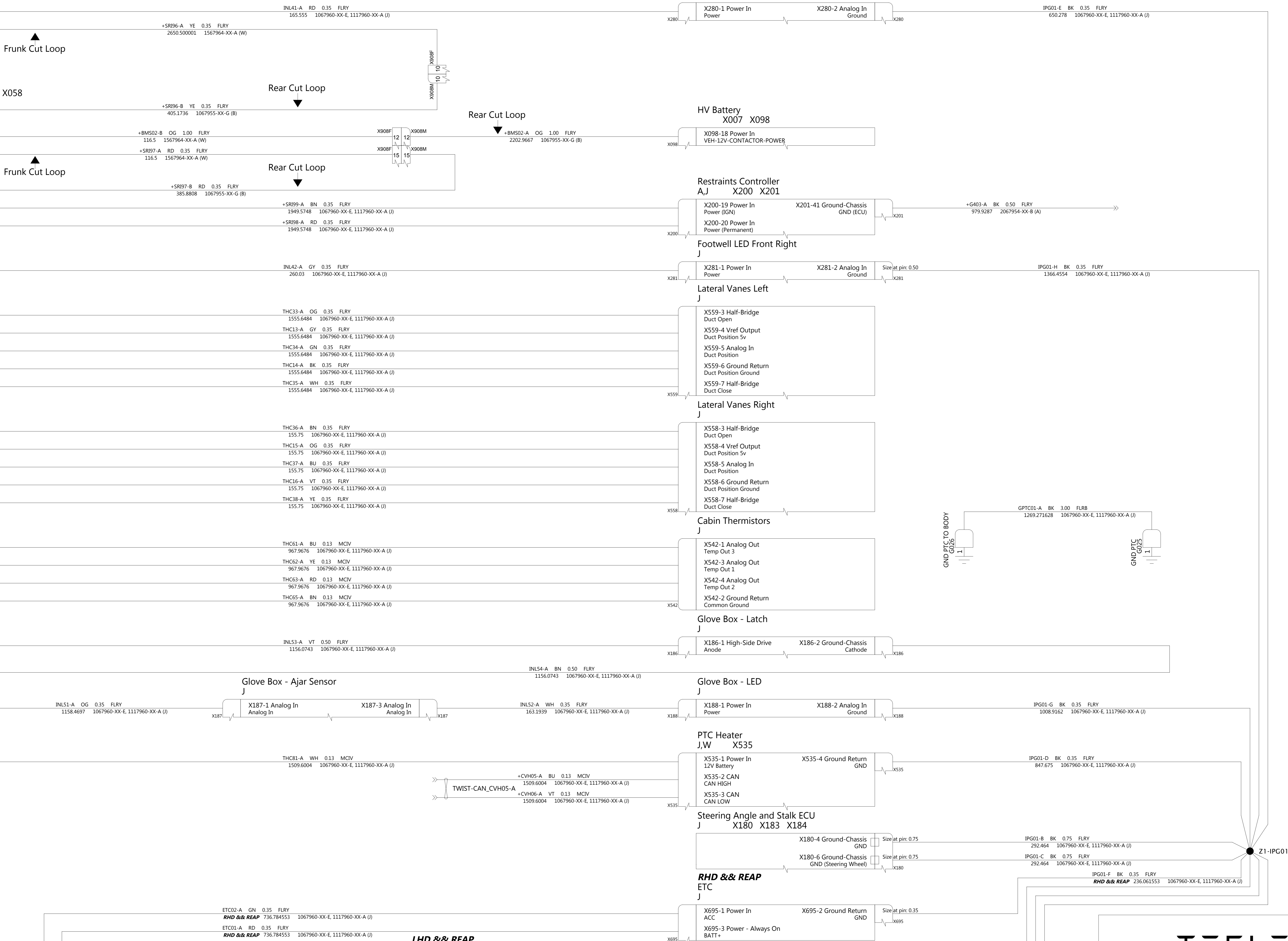
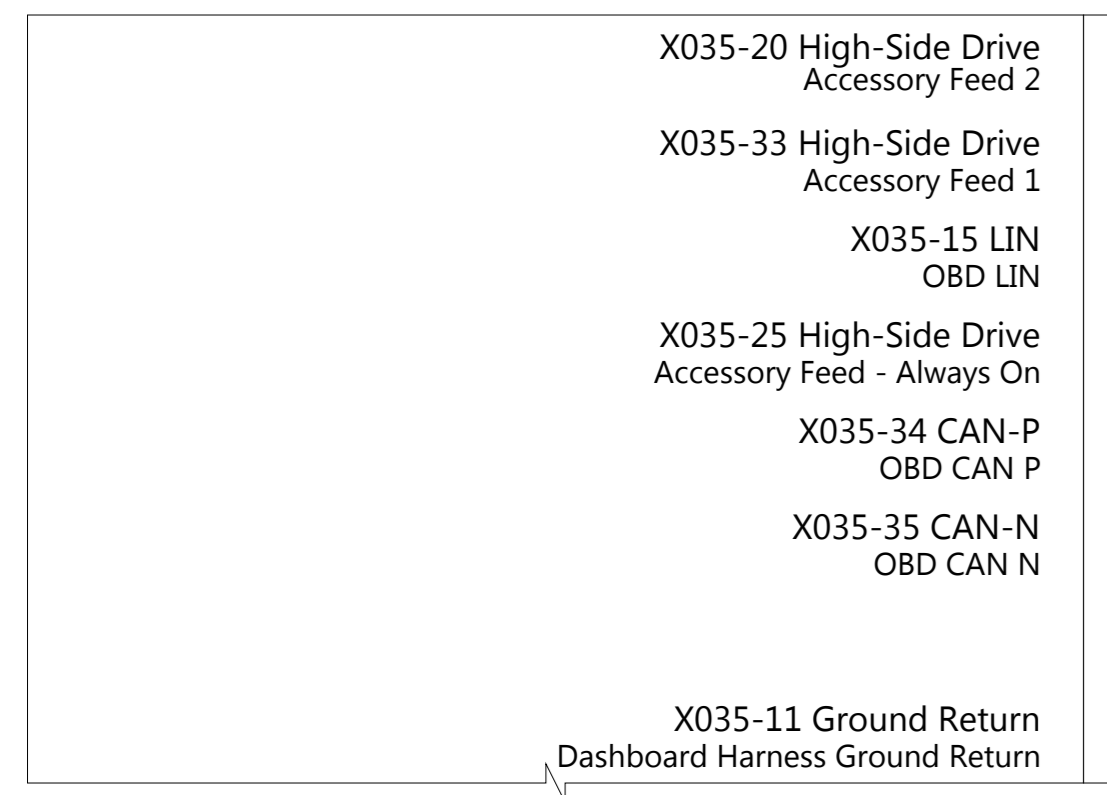
Body Controller Left
A,D,J,W X030 X031 X032 X033 X034 X035 X036 X037 X038



Body Controller Right
B,P,J,W X050 X051 X052 X053 X054 X055 X056 X057 X058



Body Controller Left
A,D,J,W X030 X031 X032 X033 X034 X035 X036 X037 X038

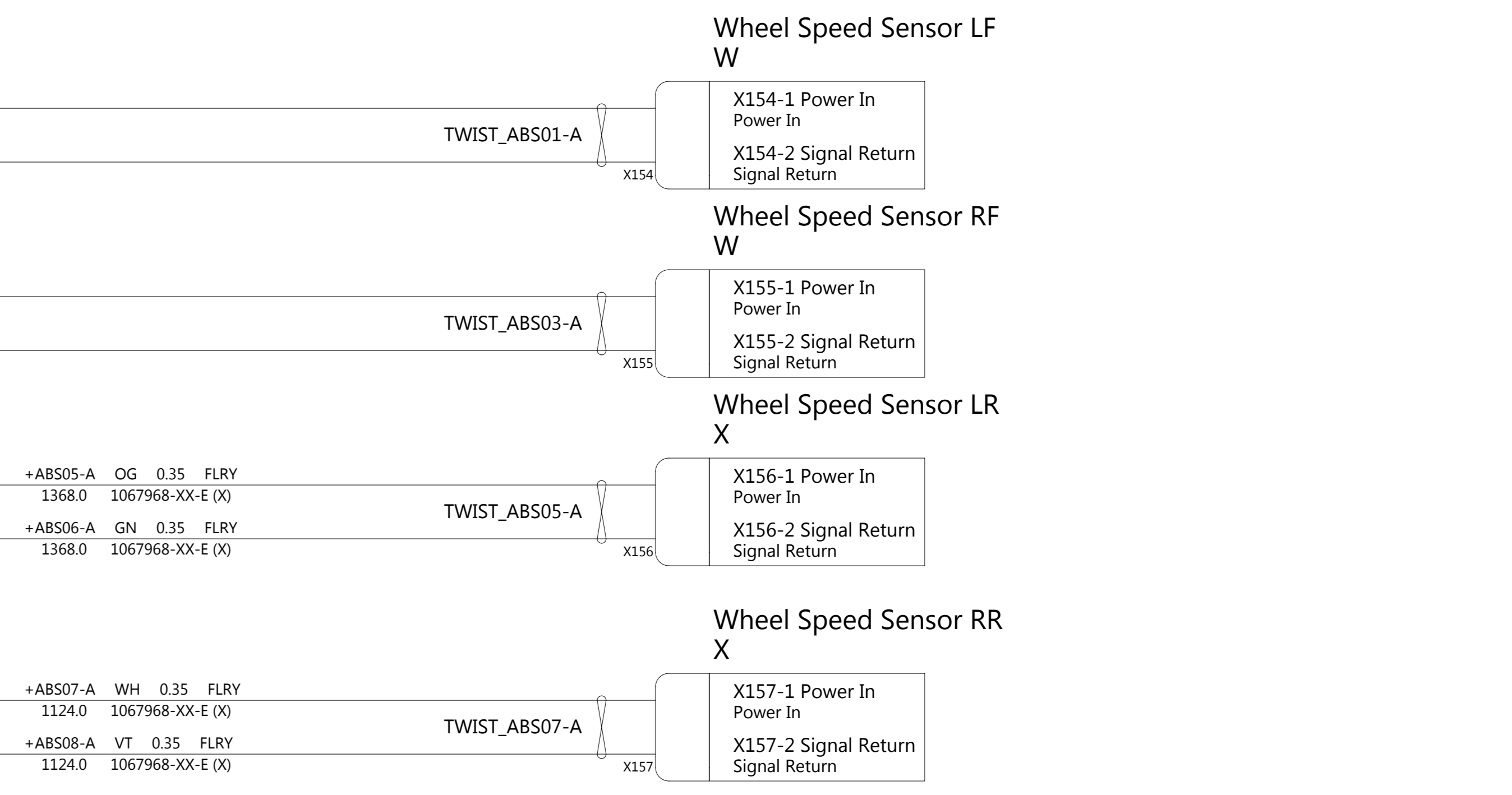
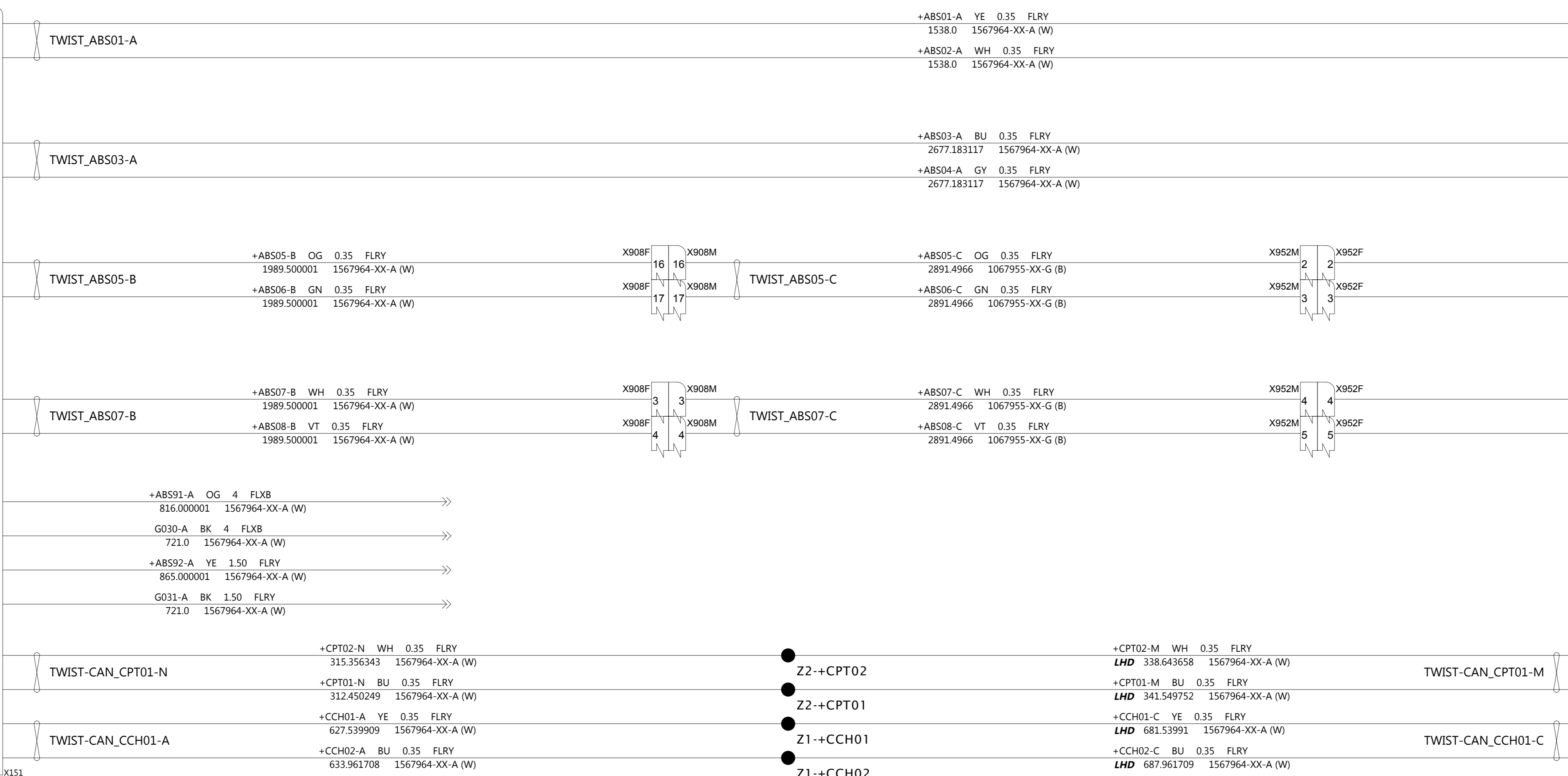
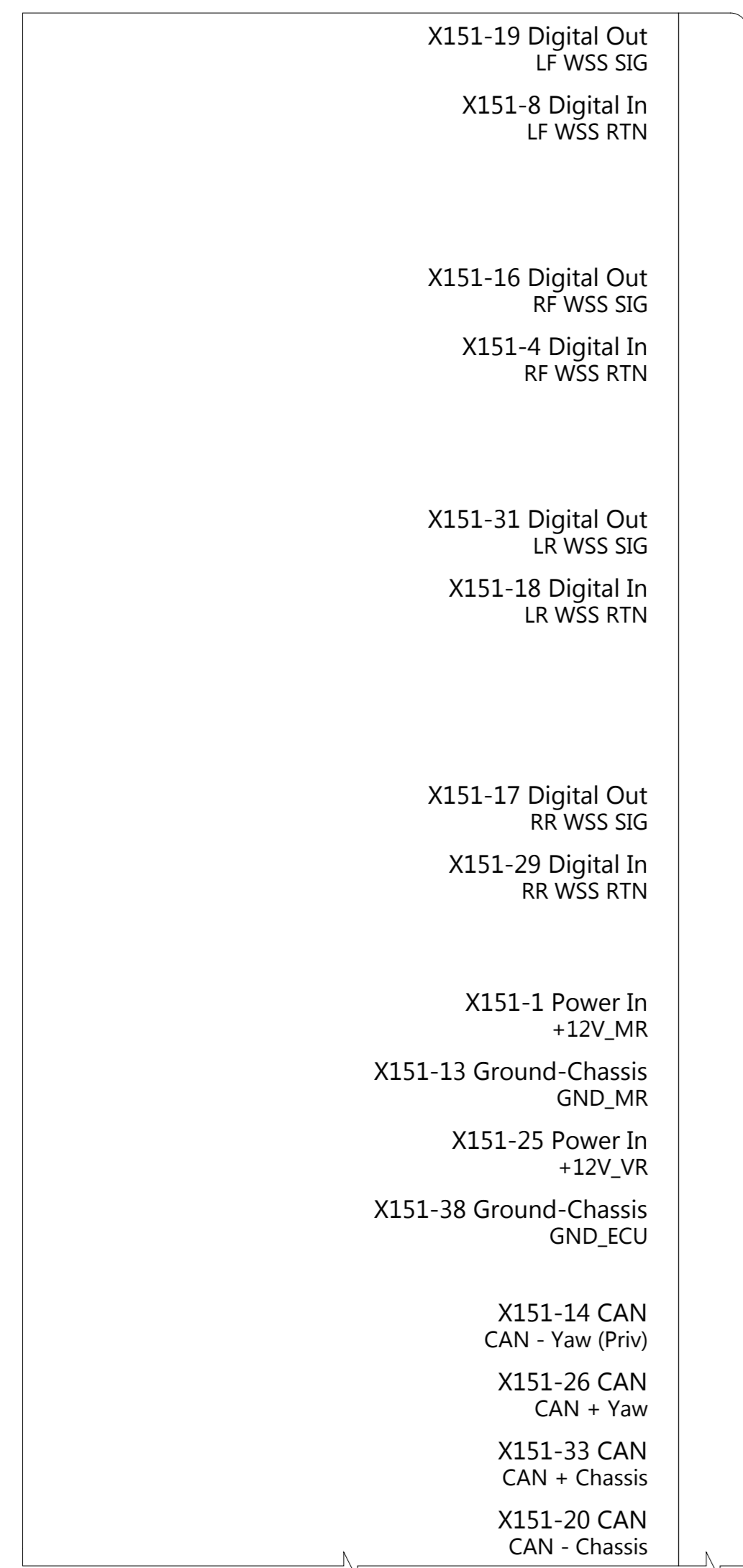


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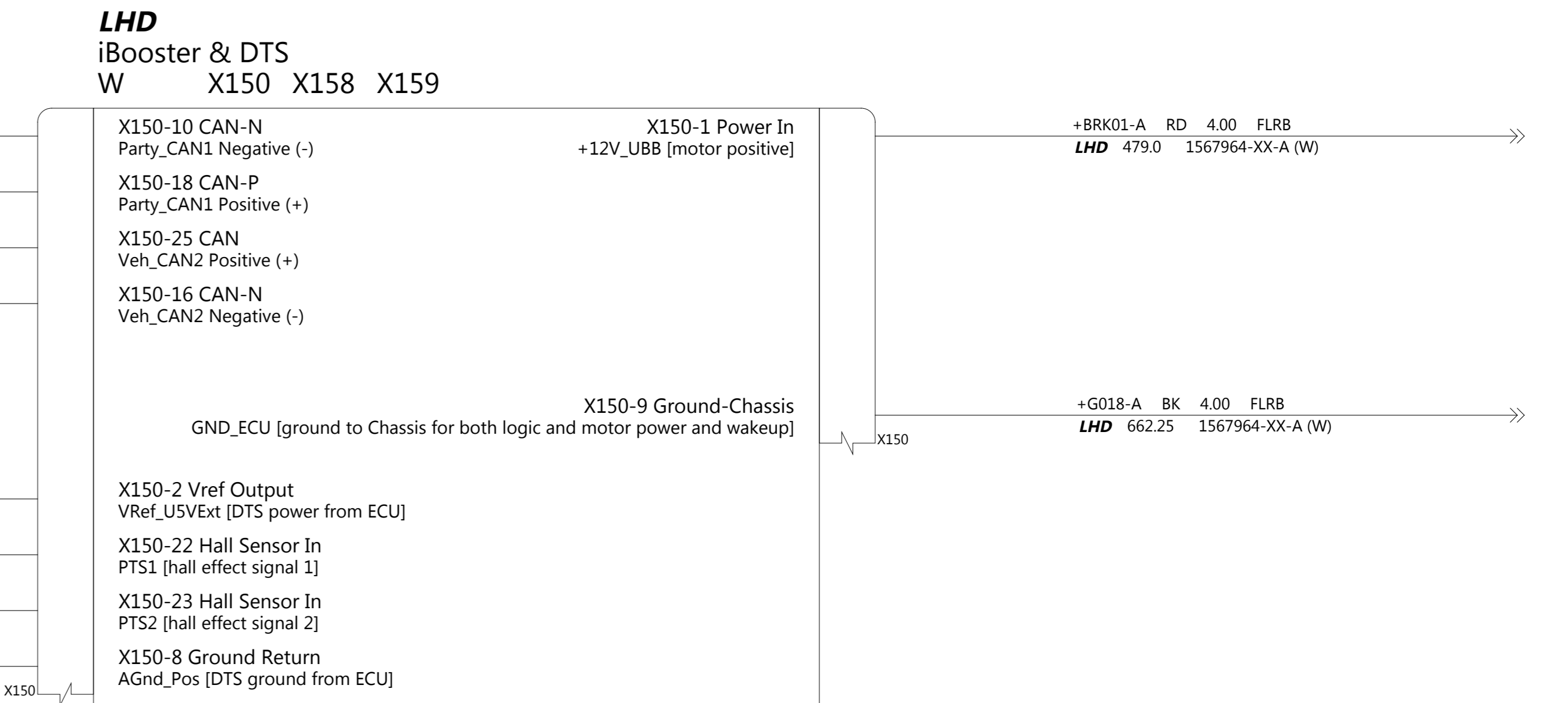
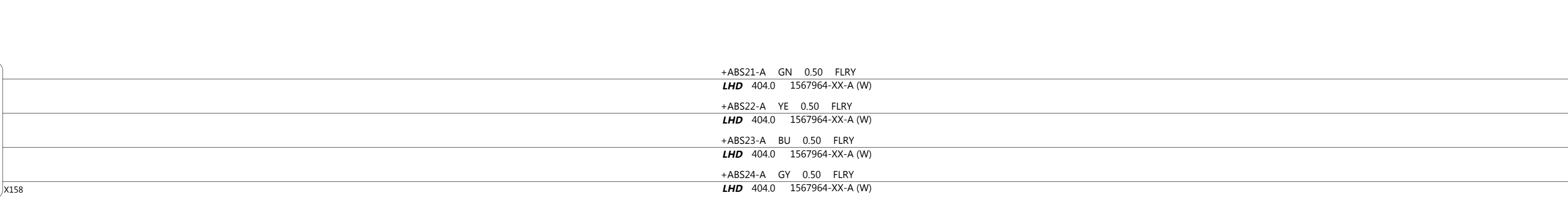
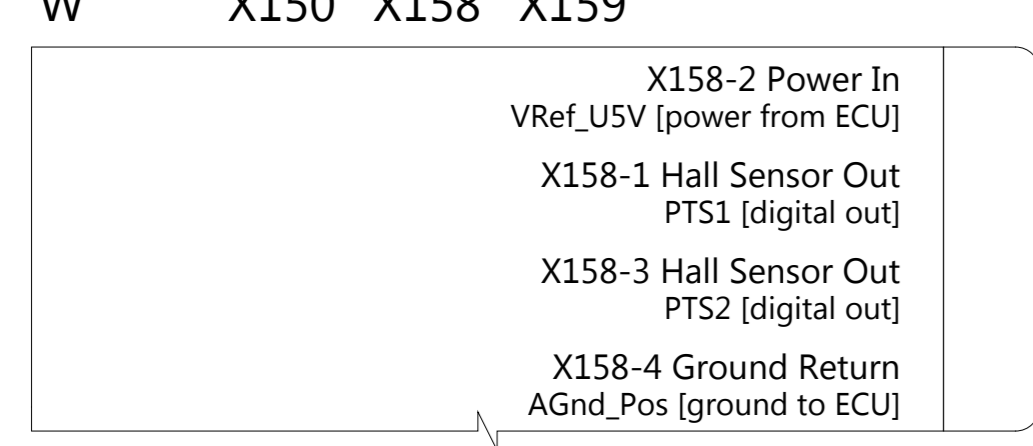
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IPG01-A BK 2.00 FLYRY	500.723	1067960-XX-E, 1117960-XX-A (J)

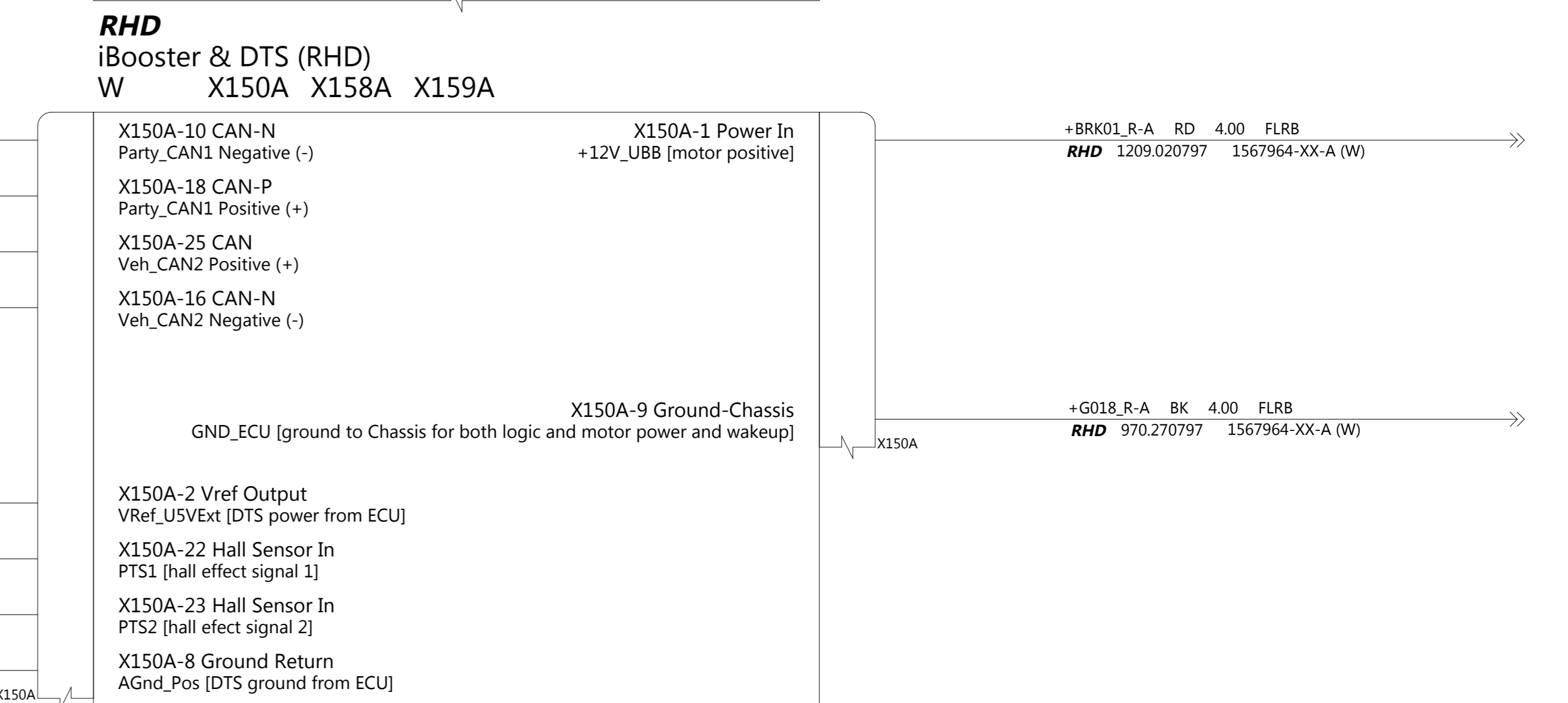
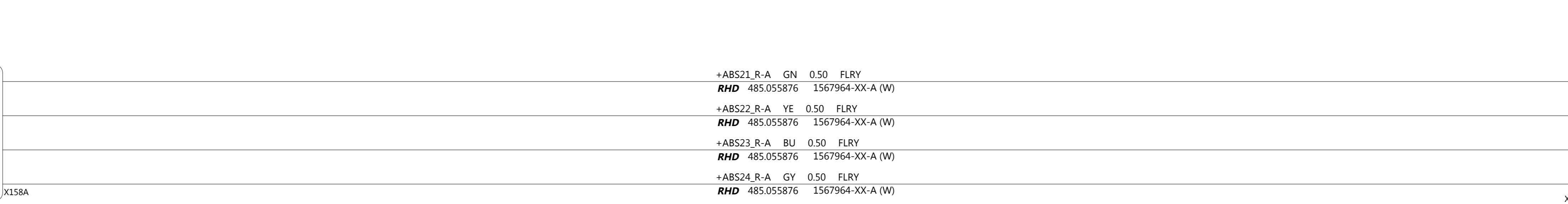
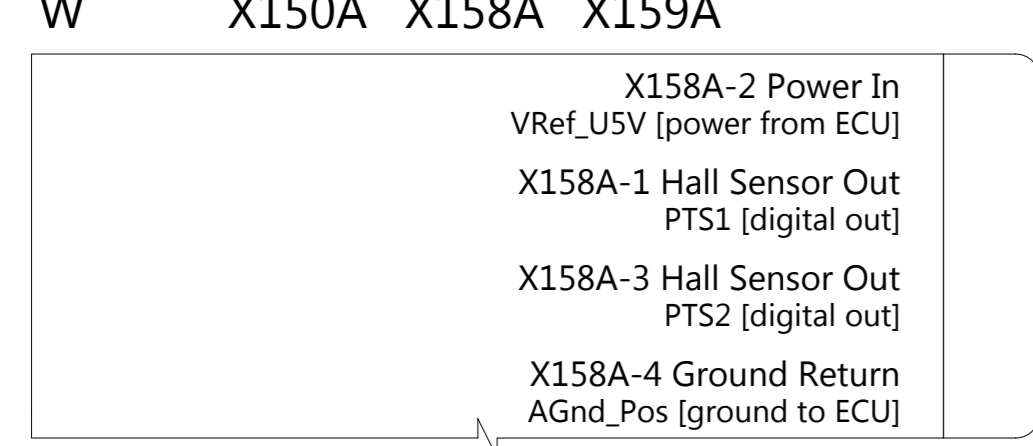
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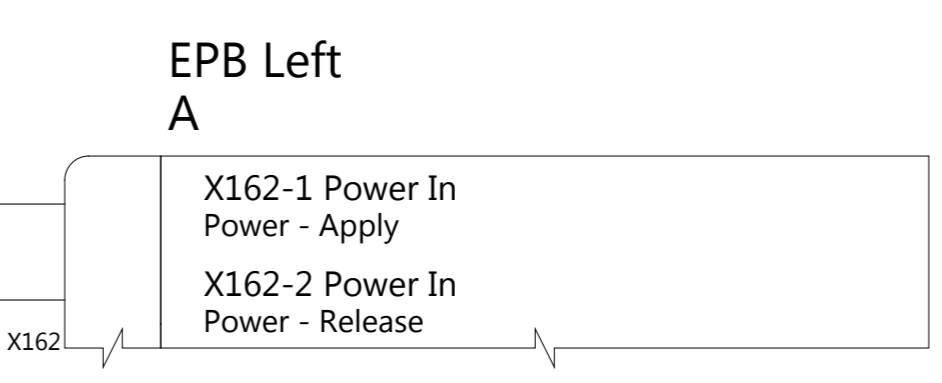
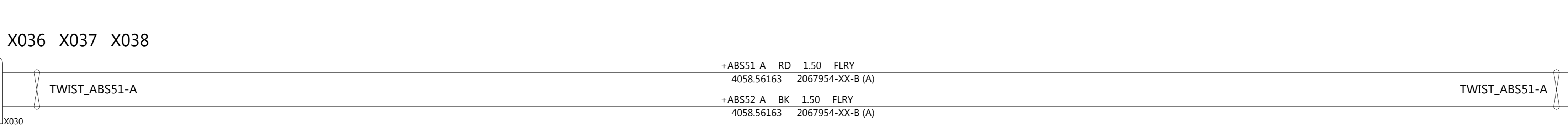
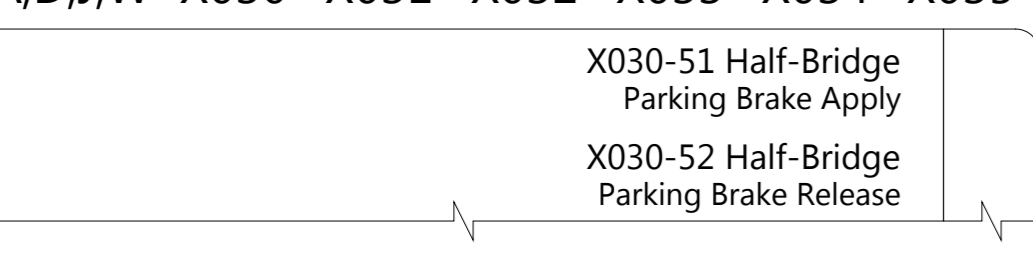
LHD iBooster & DTS W X150 X158 X159



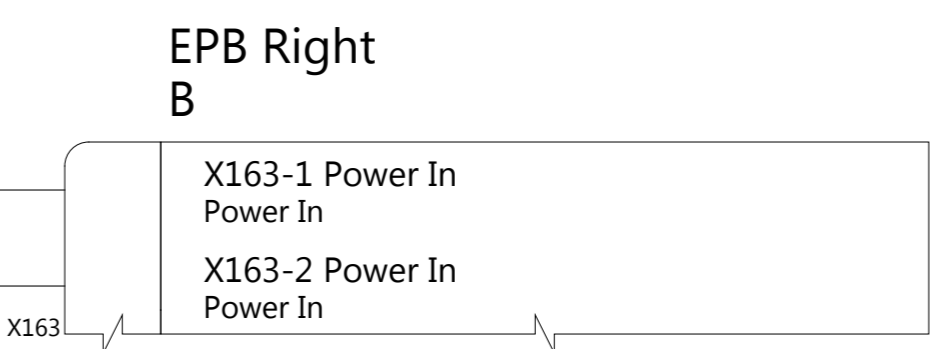
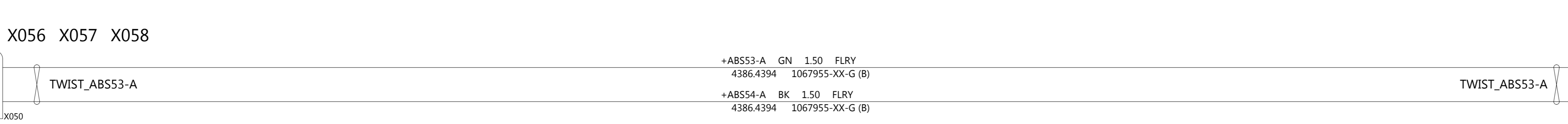
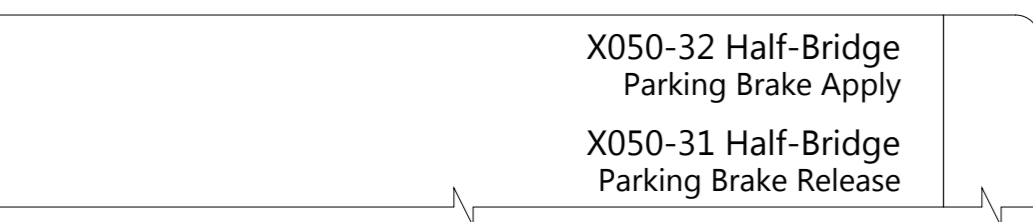
RHD iBooster & DTS (RHD) W X150A X158A X159A



Body Controller Left A,D,J,W X030 X031 X032 X033 X034 X035 X036 X037 X038

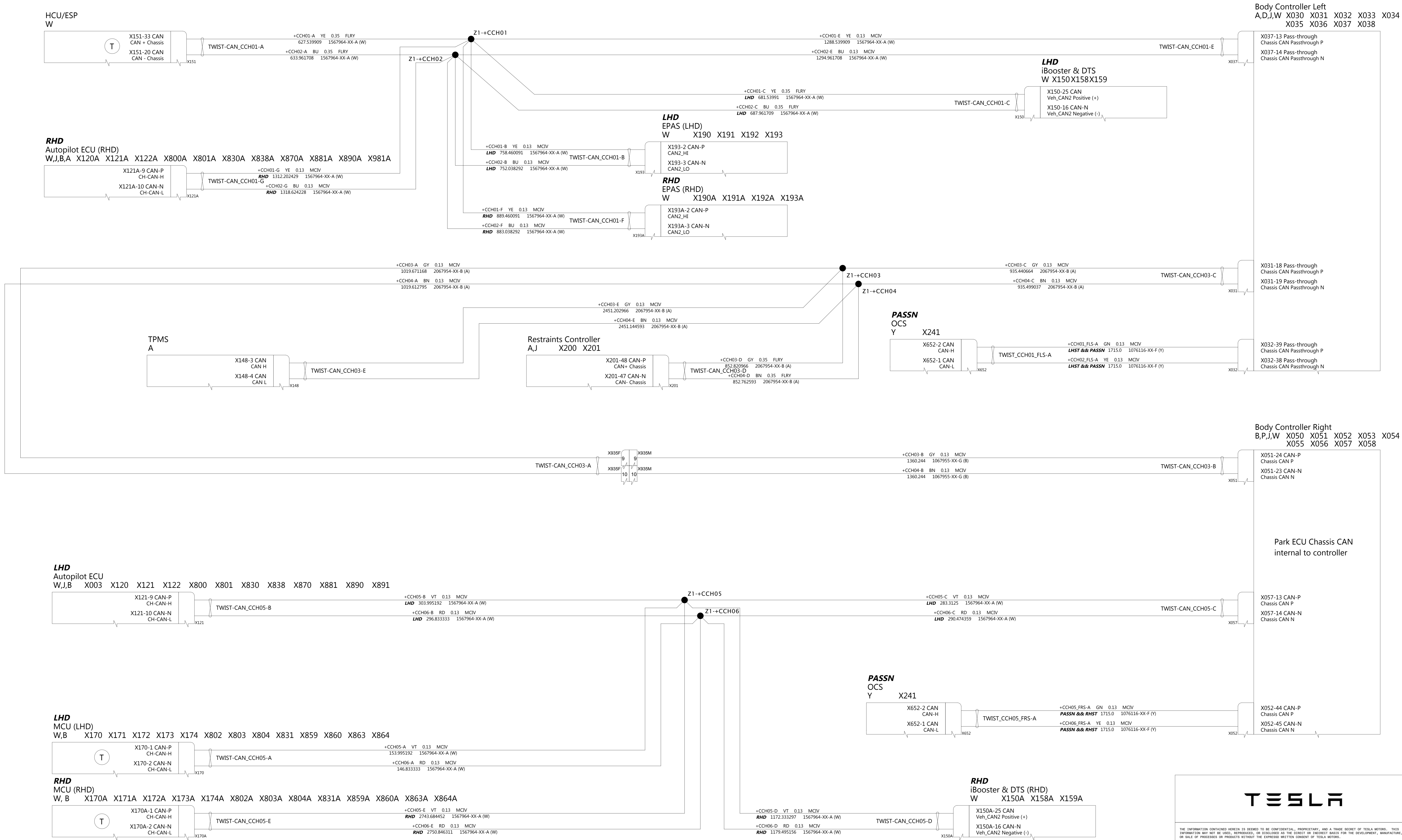


Body Controller Right B,P,J,W X050 X051 X052 X053 X054 X055 X056 X057 X058



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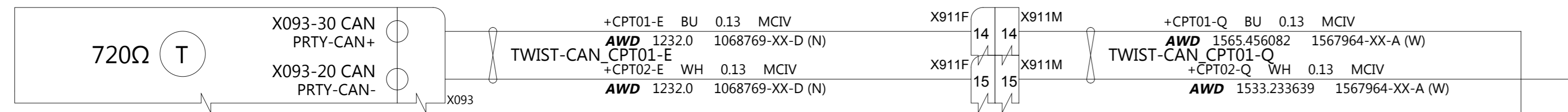
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MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Brake Controls		
PART NUMBER	REV	SHEET
	2	13 of 45
		A0



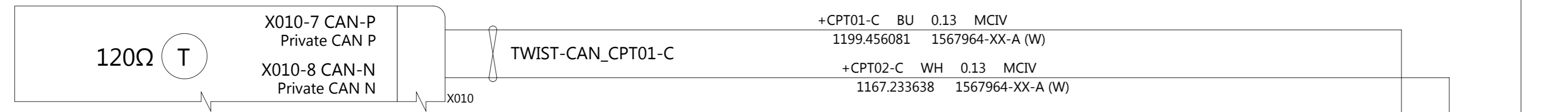
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME CAN Chassis		
PART NUMBER	REV	SHEET
	2	14 OF 45
		SIZE A0

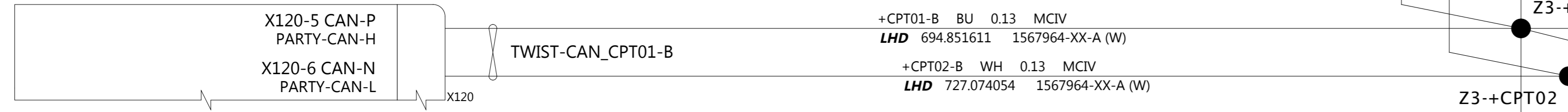
AWD
Drive Inverter Front & Resolver
N X093 X094



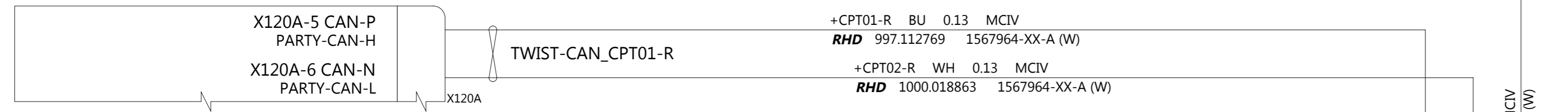
Body Controller Front
W,U X010 X011 X012 X013 X014 X015 X016 X017 X018 X019 X020 X021 X022



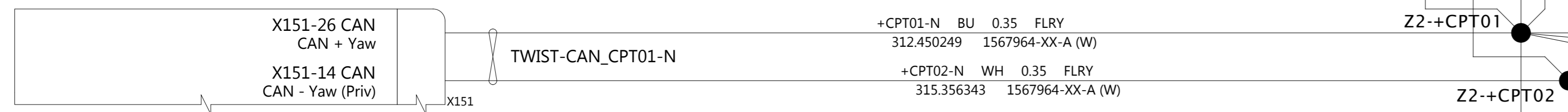
LHD
Autopilot ECU
W,J,B X003 X120 X121 X122 X800 X801 X830 X838 X870 X881 X890 X891



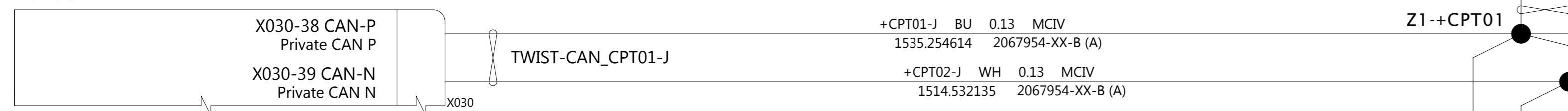
RHD
Autopilot ECU (RHD)
W,J,B,A X003A X120A X121A X122A X800A X801A X830A X838A X870A X881A X890A X981A



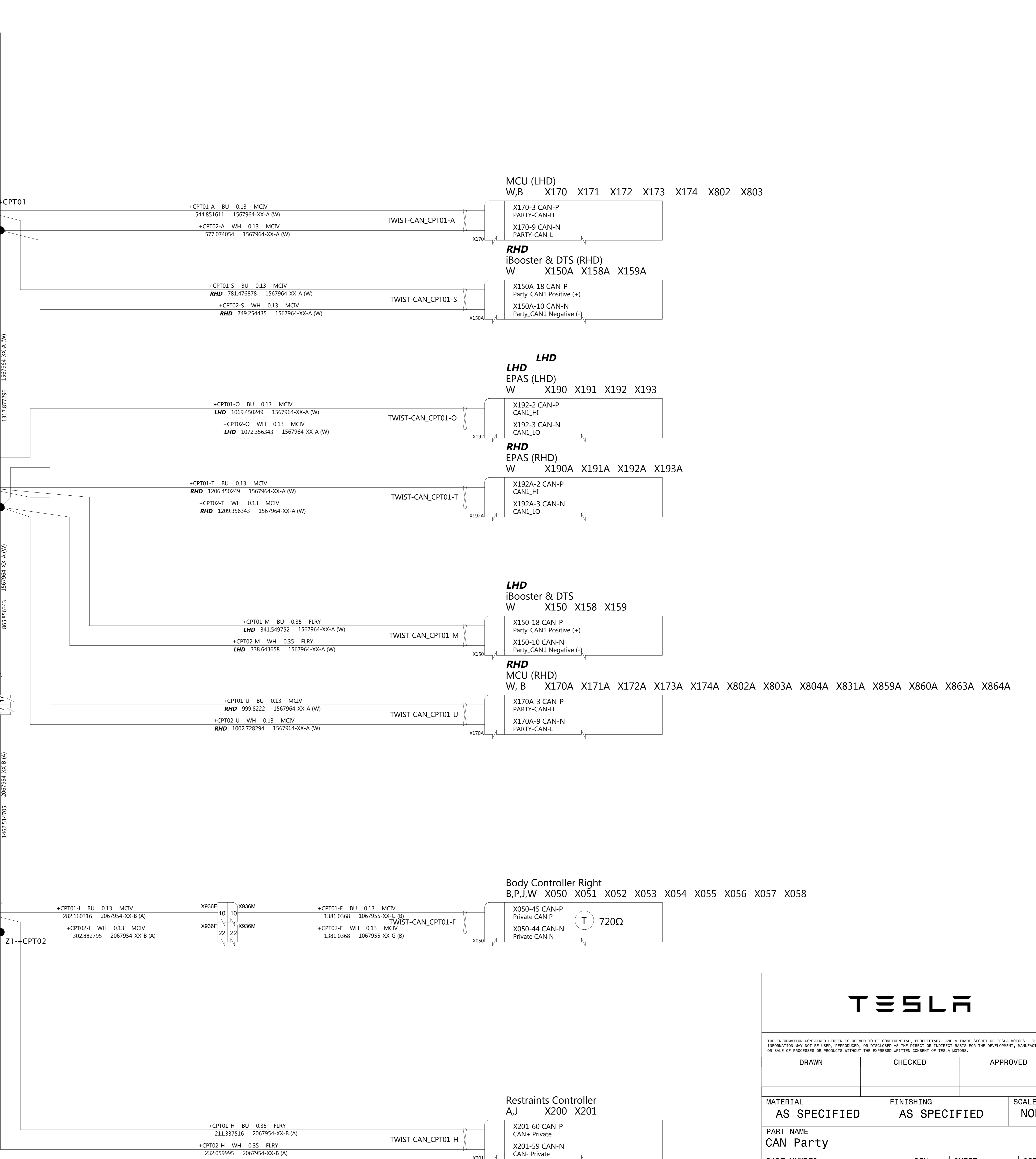
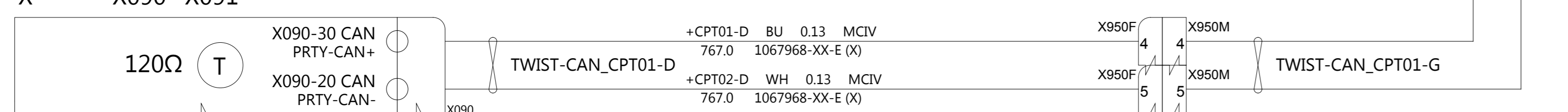
HCU/ESP
W



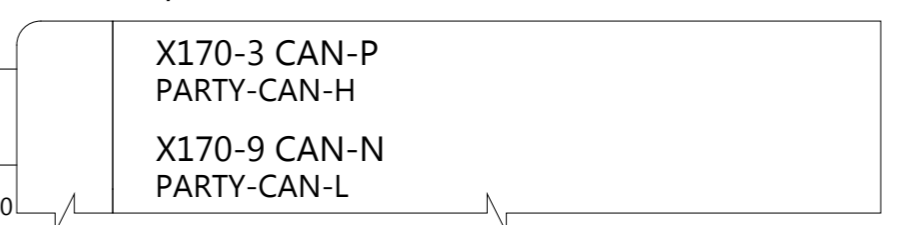
Body Controller Left
A,D,J,W X030 X031 X032 X033 X034 X035 X036 X037 X038



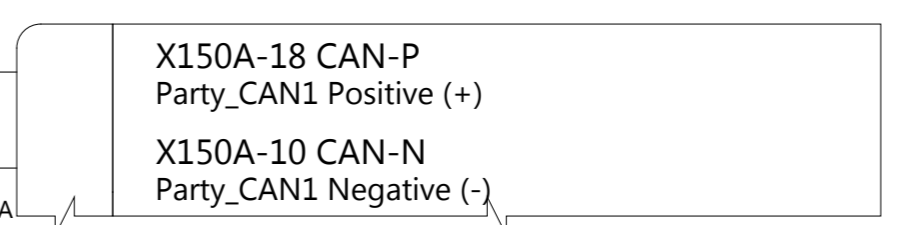
Drive Inverter Rear & Resolver
X X090 X091



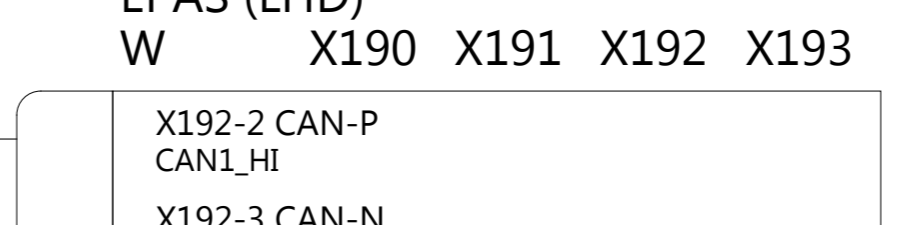
MCU (LHD)
W,B X170 X171 X172 X173 X174 X802 X803



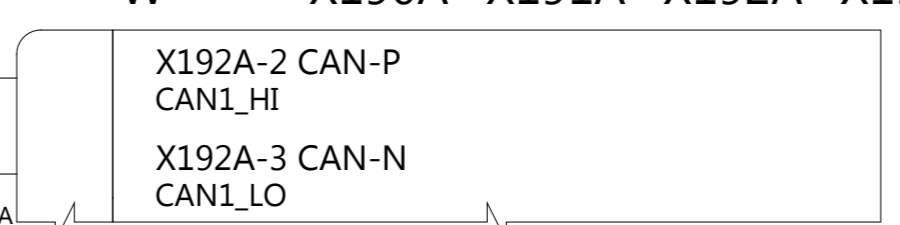
RHD iBooster & DTS (RHD)
W X150A X158A X159A



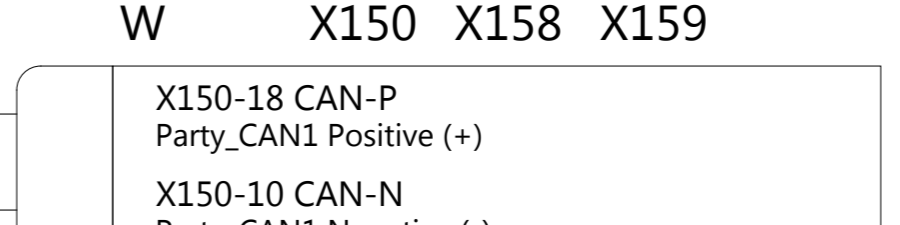
LHD EPAS (LHD)
W X190 X191 X192 X193



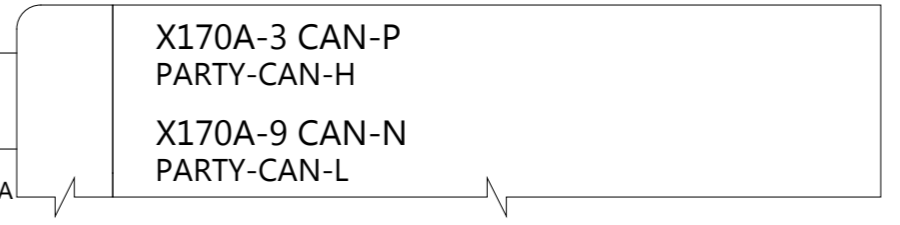
RHD EPAS (RHD)
W X190A X191A X192A X193A



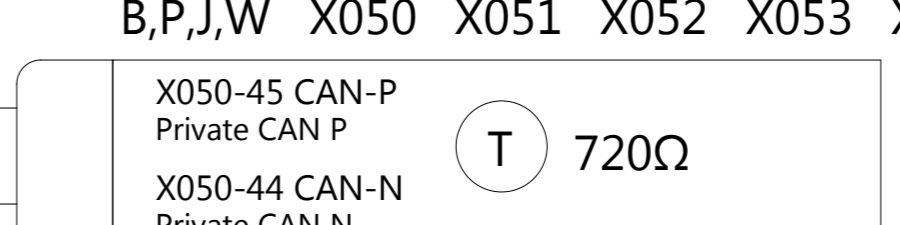
LHD iBooster & DTS
W X150 X158 X159



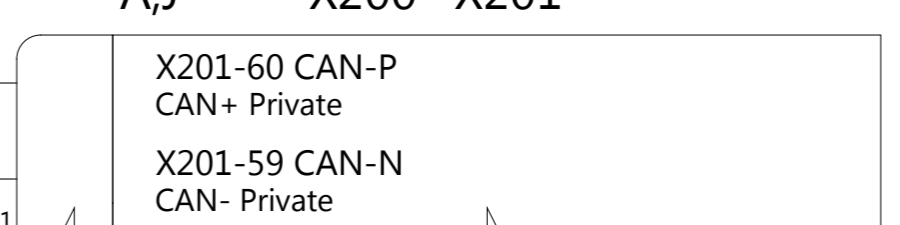
RHD MCU (RHD)
W, B X170A X171A X172A X173A X174A X802A X803A X804A X831A X859A X860A X863A X864A



Body Controller Right
B,P,J,W X050 X051 X052 X053 X054 X055 X056 X057 X058



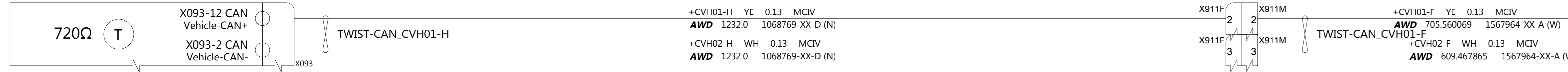
Restraints Controller
A,J X200 X201



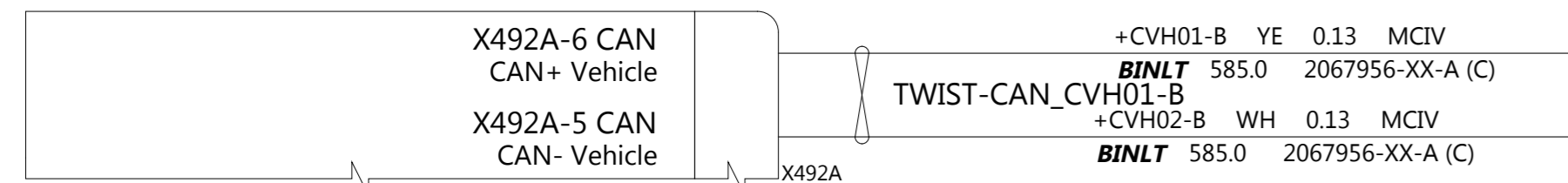
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME CAN Party		
PART NUMBER	REV	SHEET
	2	15 OF 45
		SIZE A0

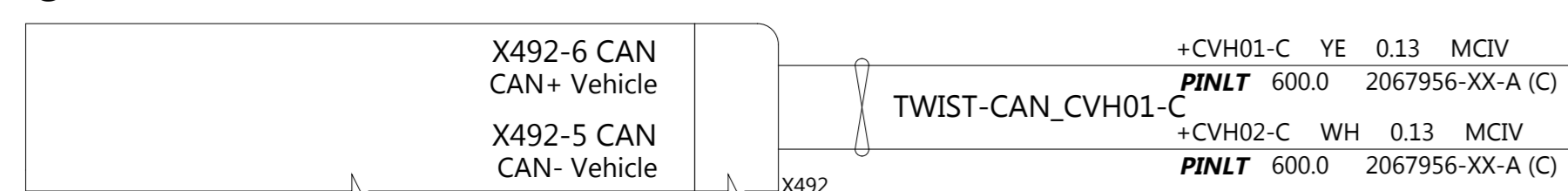
AWD
Drive Inverter Front & Resolver
N X093 X094



BINLT
Security Controller (B)
C

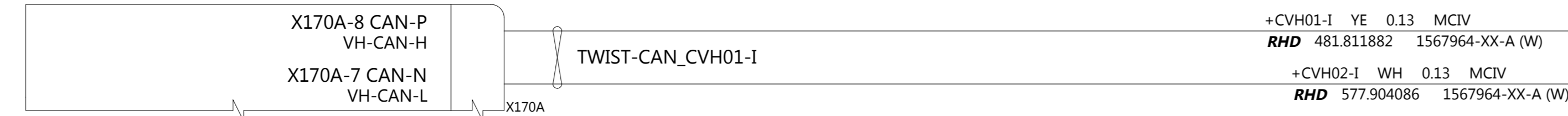


PINLT
Security Controller
C

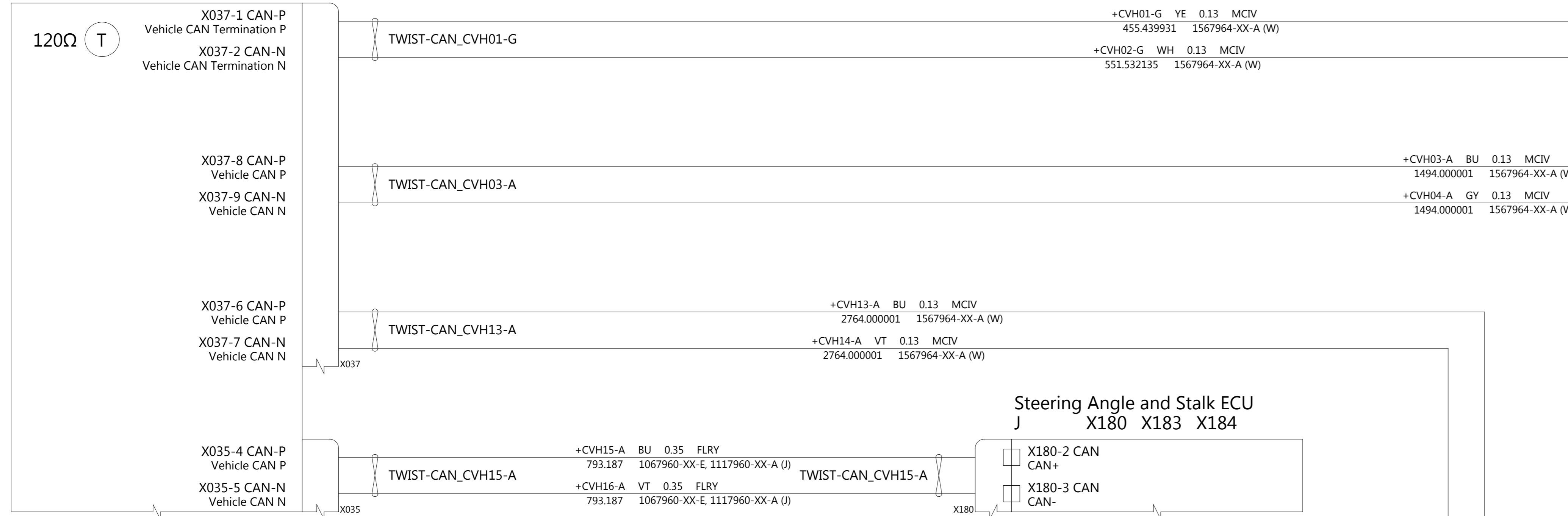


RHD
Autopilot ECU (RHD)
W,J,B,A X003A X120A X121A X122A X800A X801A X830A X838A X870A X881A X890A X981A

RHD
MCU (RHD)
W, B X170A X171A X172A X173A X174A X802A X803A X804A X831A X859A X860A X863A X864A

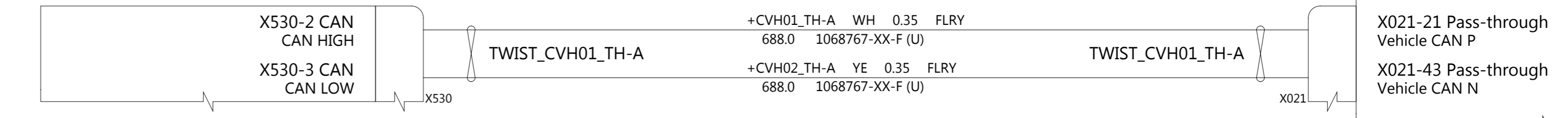


Body Controller Left
A,D,J,W X030 X031 X032 X033 X034 X035 X036 X037 X038

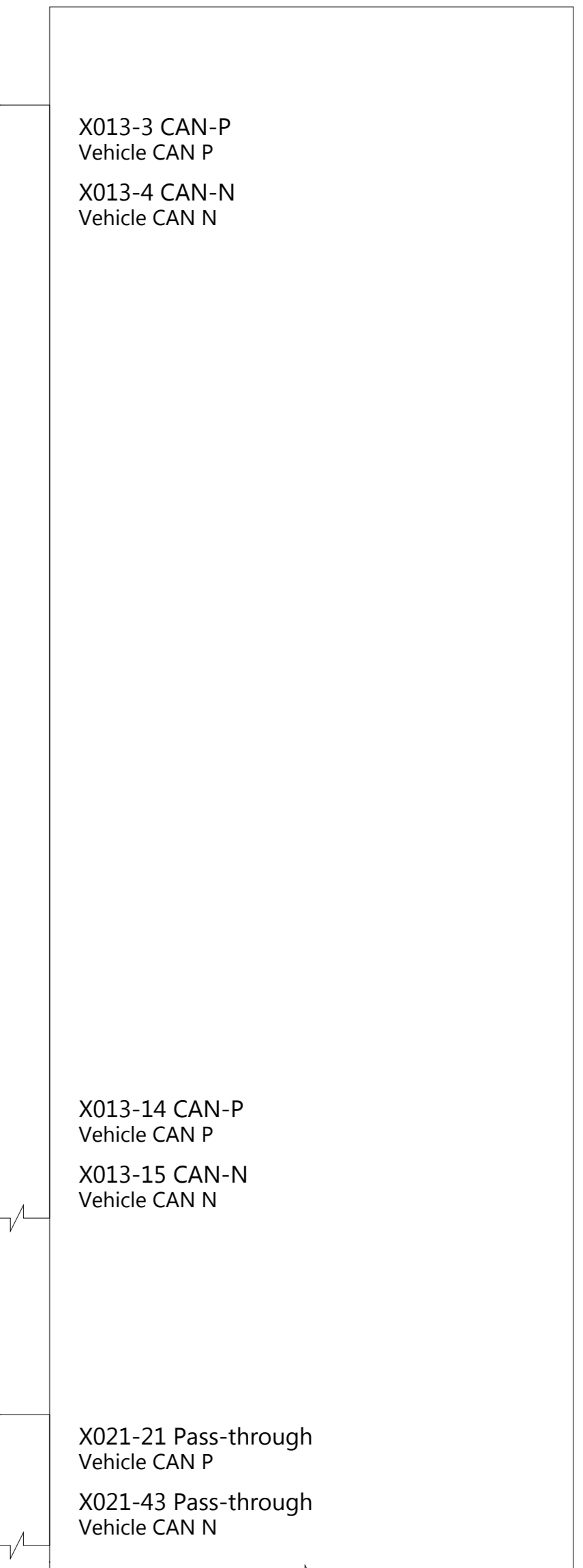


Steering Angle and Stalk ECU
J X180 X183 X184

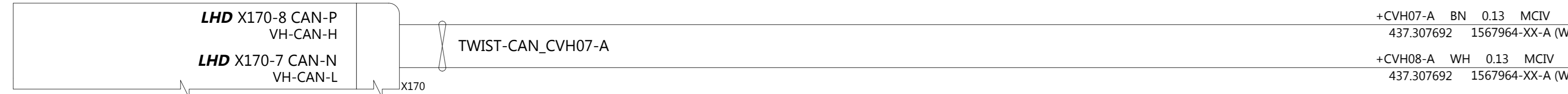
HV Compressor
U,W X530 X531



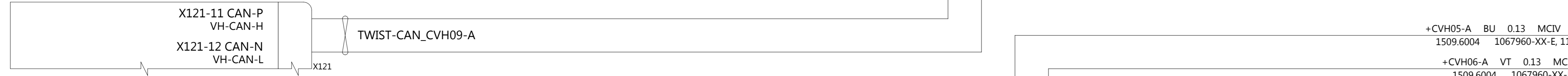
Body Controller Front
W,U X010 X011 X012 X013 X014 X015 X016 X017 X018 X019 X020 X021 X022



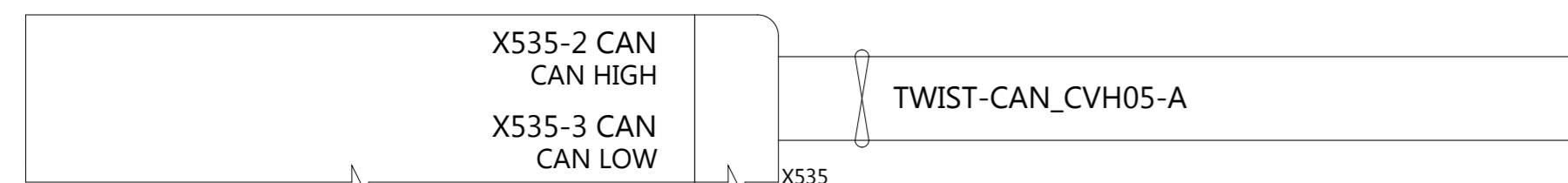
LHD
MCU (LHD)
W,B X170 X171 X172 X173 X174 X802 X803 X804 X831 X859 X860 X863 X864



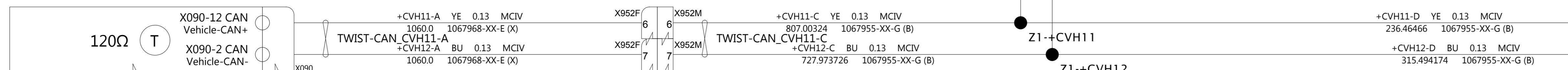
LHD
Autopilot ECU
W,J,B X003 X120 X121 X122 X800 X801 X830 X838 X870 X881 X890 X891



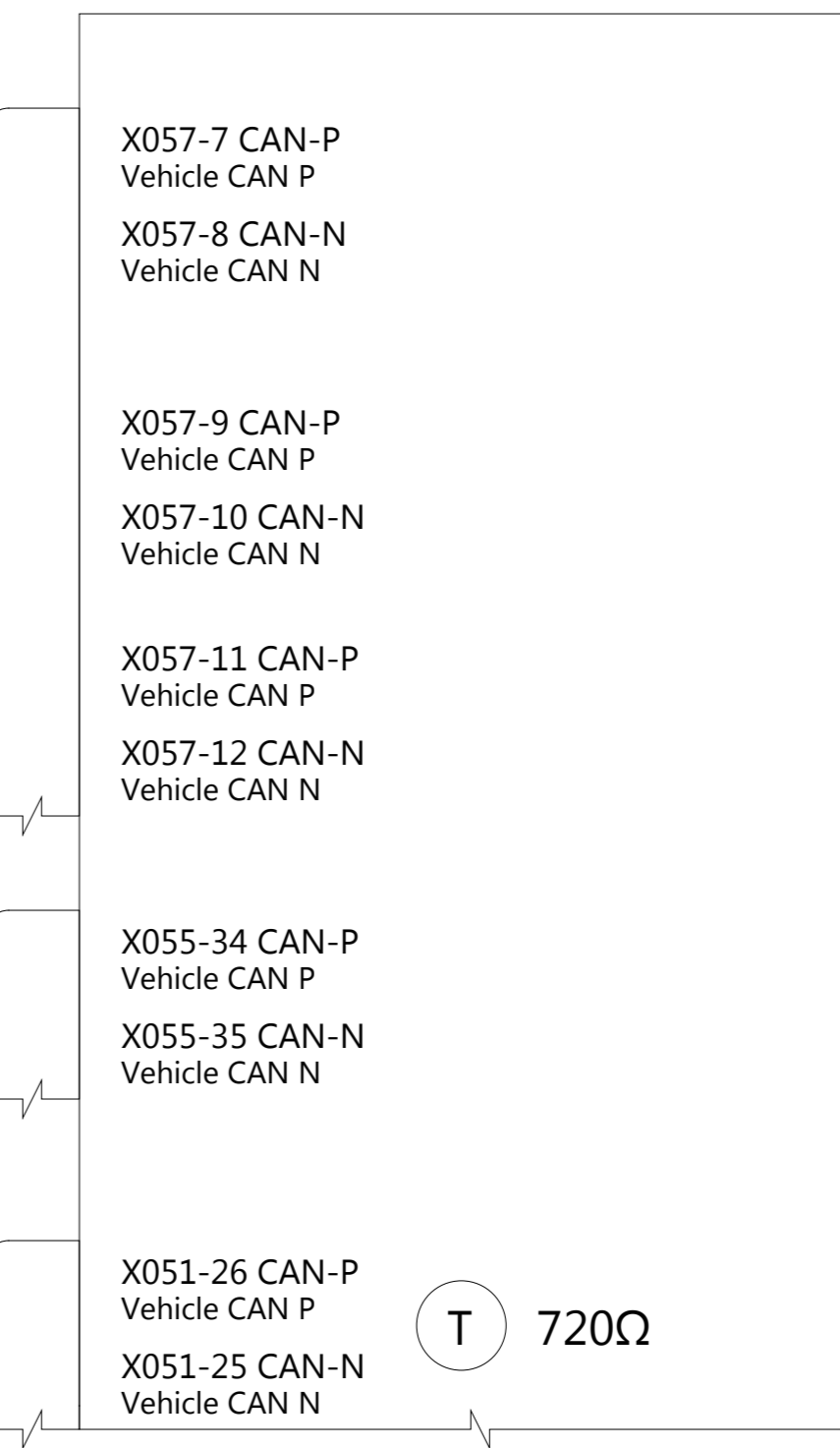
PTC Heater
J,W X535 X539 G025



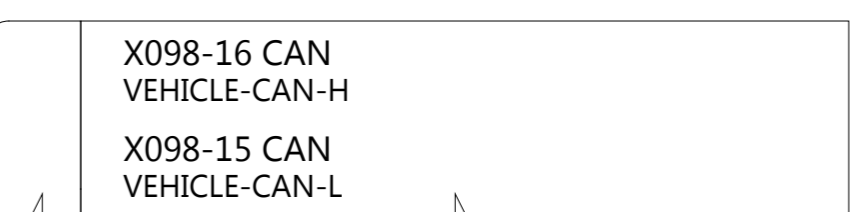
Drive Inverter Rear & Resolver
X X090 X091



Body Controller Right
B,P,J,W X050 X051 X052 X053 X054 X055 X056 X057 X058



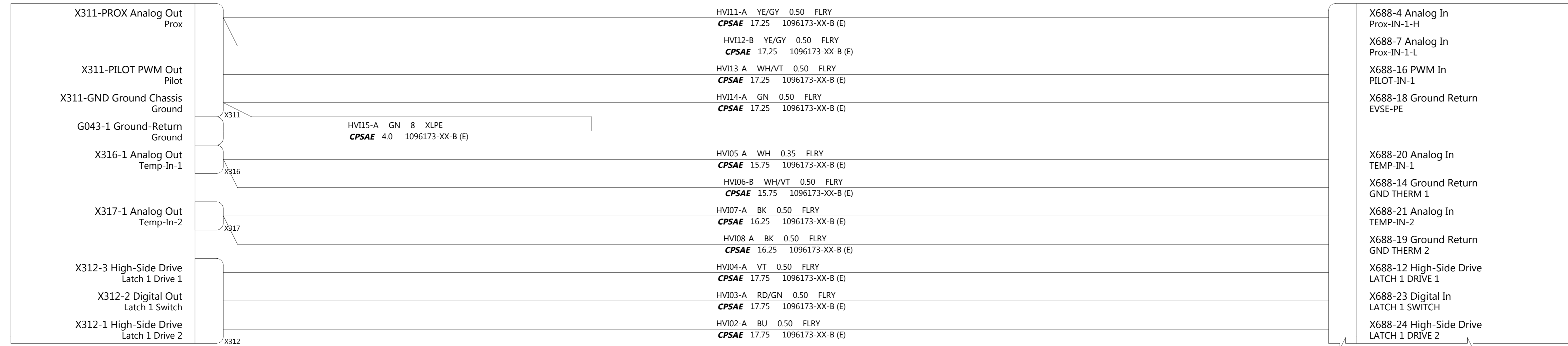
HV Battery
B X006 X007 X098



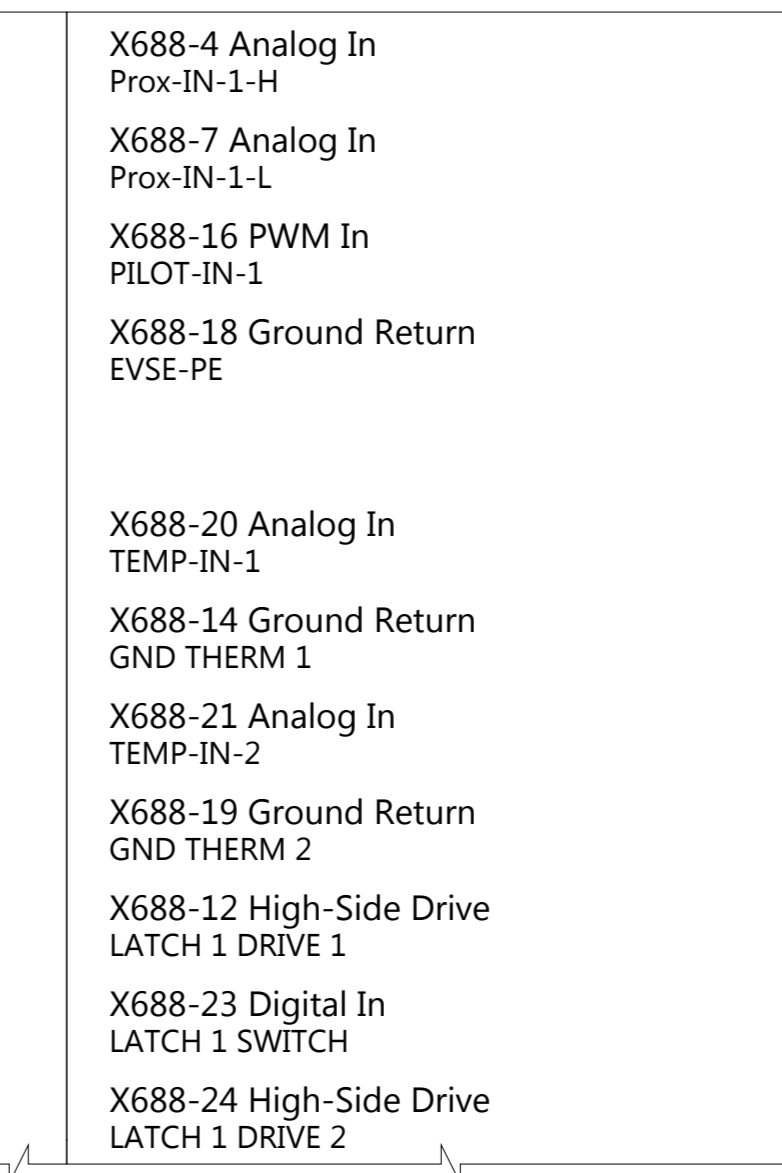
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME CAN Vehicle		
PART NUMBER	REV 2	SHEET 16 of 45
		SIZE A0

CPSAE
Charge Port Inlet, SAE
E



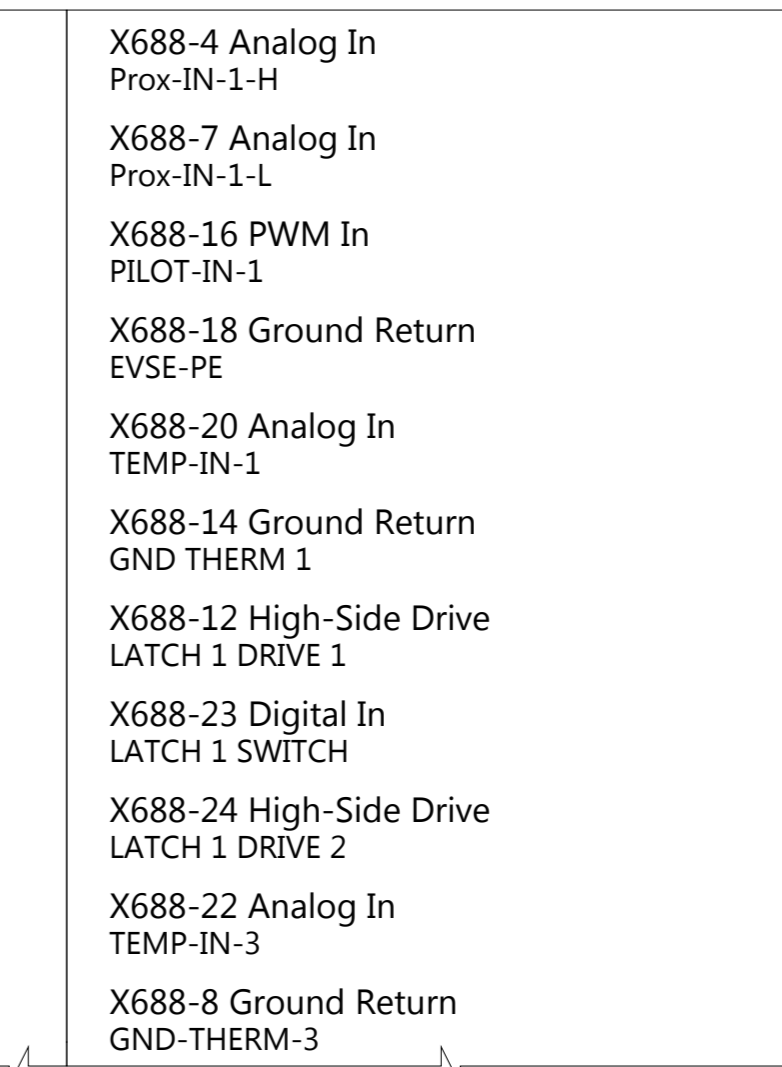
Charge Port ECU
A X096 X687 X688



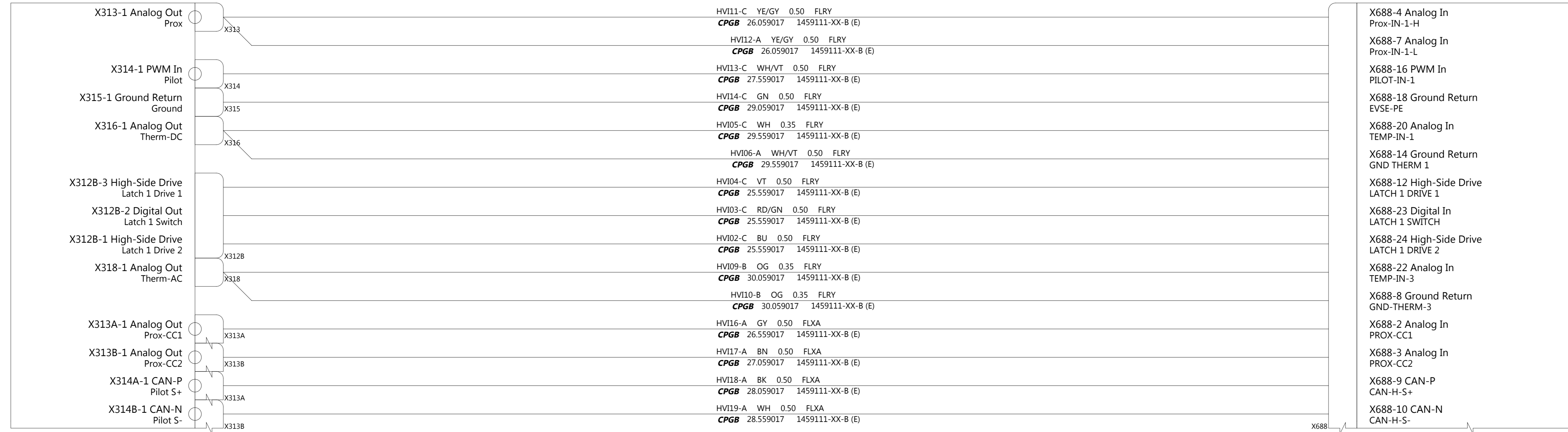
CPIEC
Charge Port, IEC
E



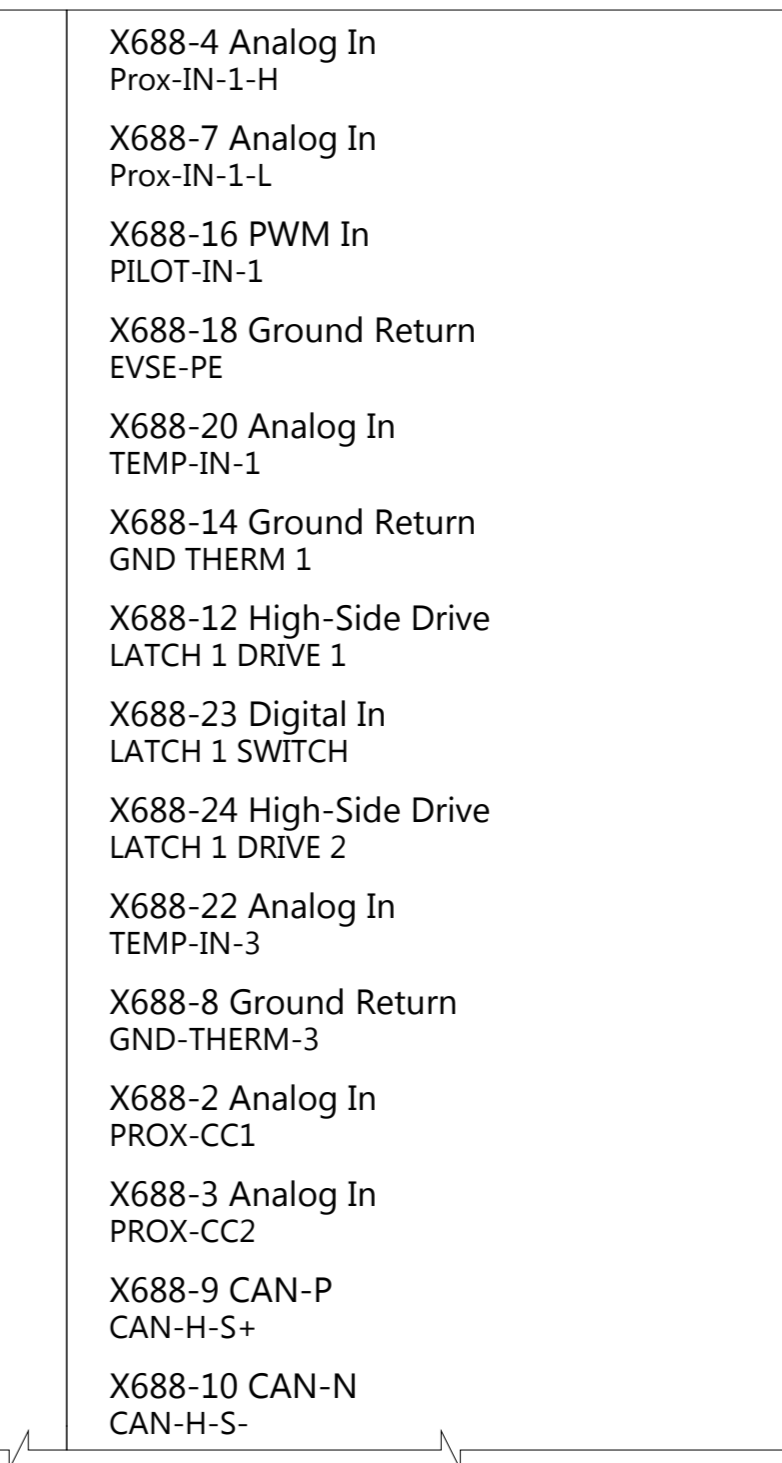
Charge Port ECU
A X687 X688



CPGB
Charge Port, GB
E



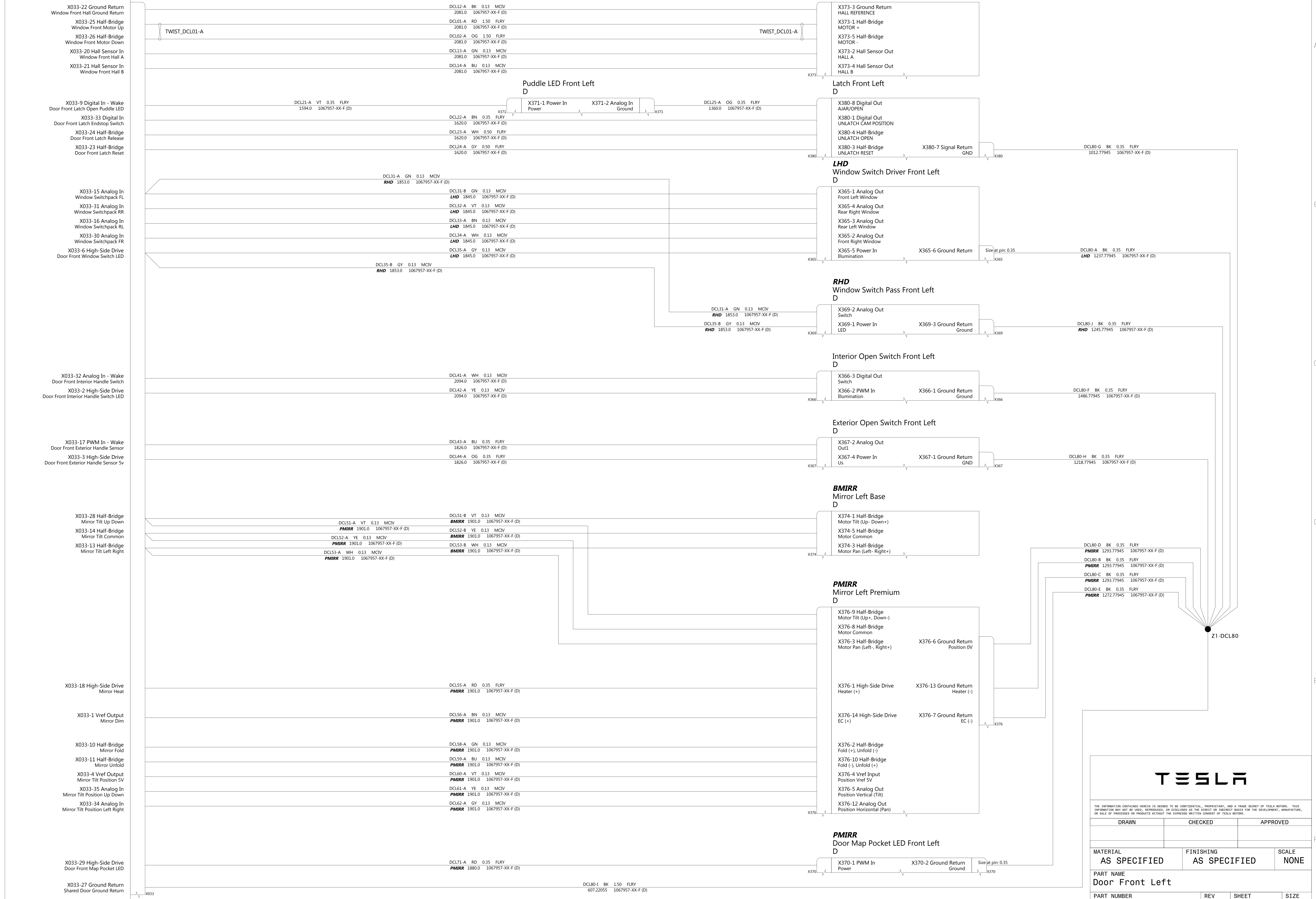
Charge Port ECU
A X687 X688



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Charge Port Inlet		
PART NUMBER	REV	SHEET
	2	17 OF 45
		SIZE A0

Body Controller Left
A,D,J,W X030 X031 X032 X033 X034 X035 X036 X037 X038



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Door Front Left		
PART NUMBER	REV	SHEET
	2	18 OF 45
		A0

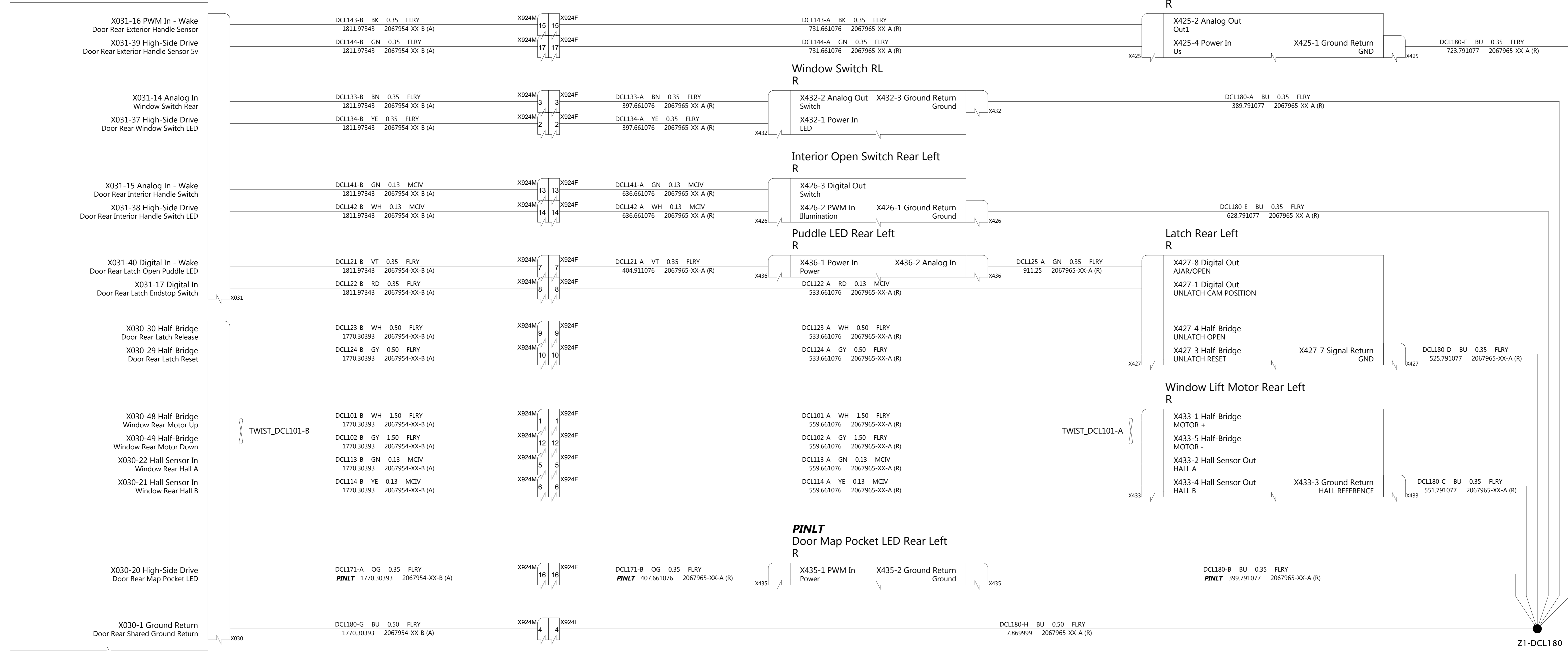
Body Controller Right
B,P,J,W X050 X051 X052 X053 X054 X055 X056 X057 X058



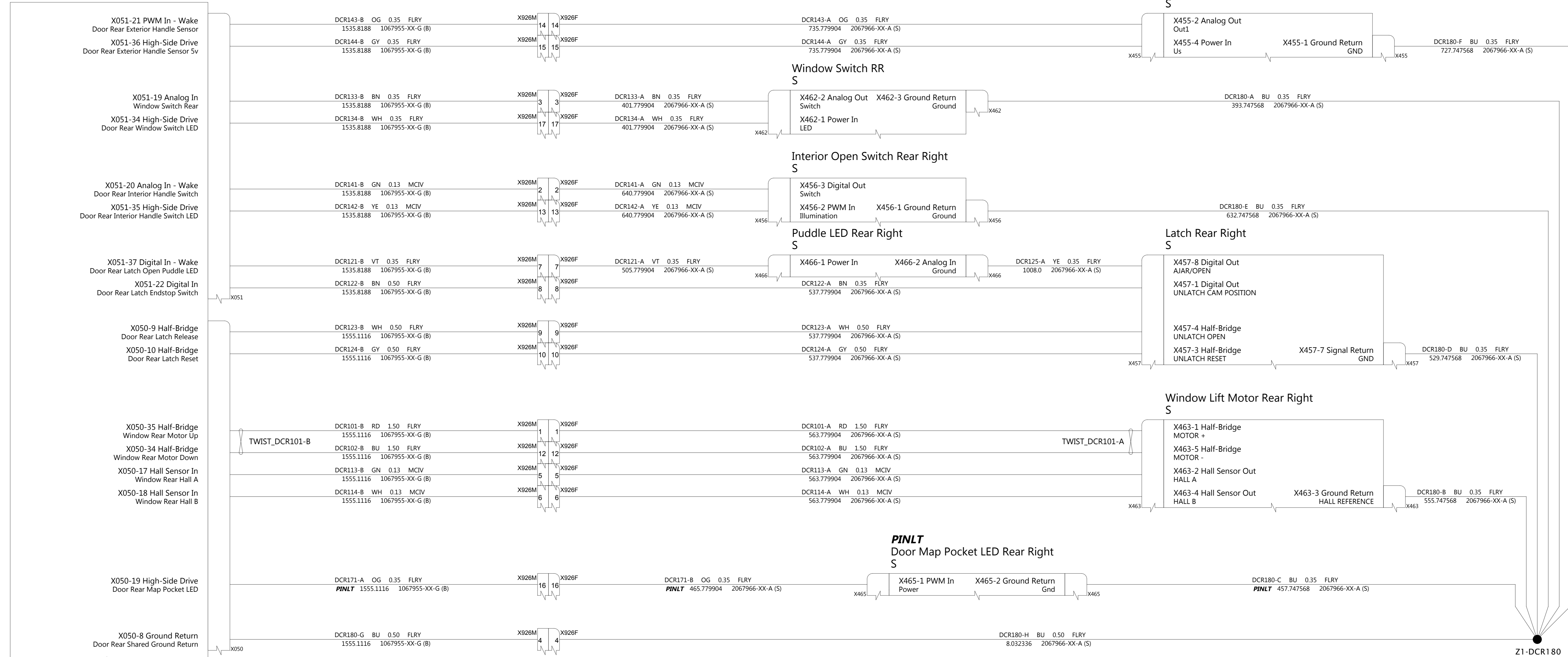
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Door Front Right		
PART NUMBER	REV	SHEET
	2	19 OF 45
		SIZE A0

Body Controller Left
A,D,J,W X030 X031 X032 X033 X034 X035 X036 X037 X038



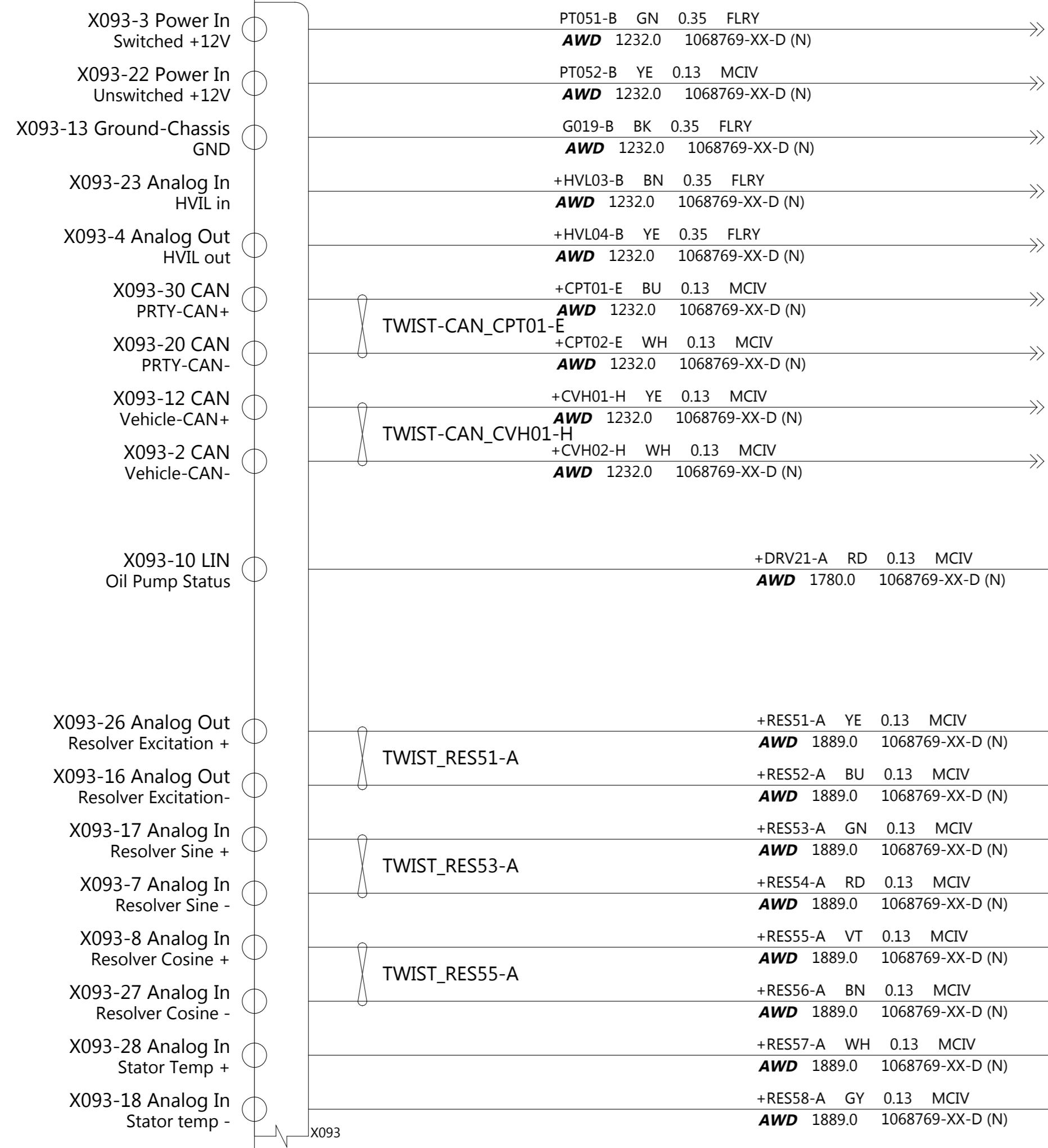
Body Controller Right
B,P,J,W X050 X051 X052 X053 X054 X055 X056 X057 X058



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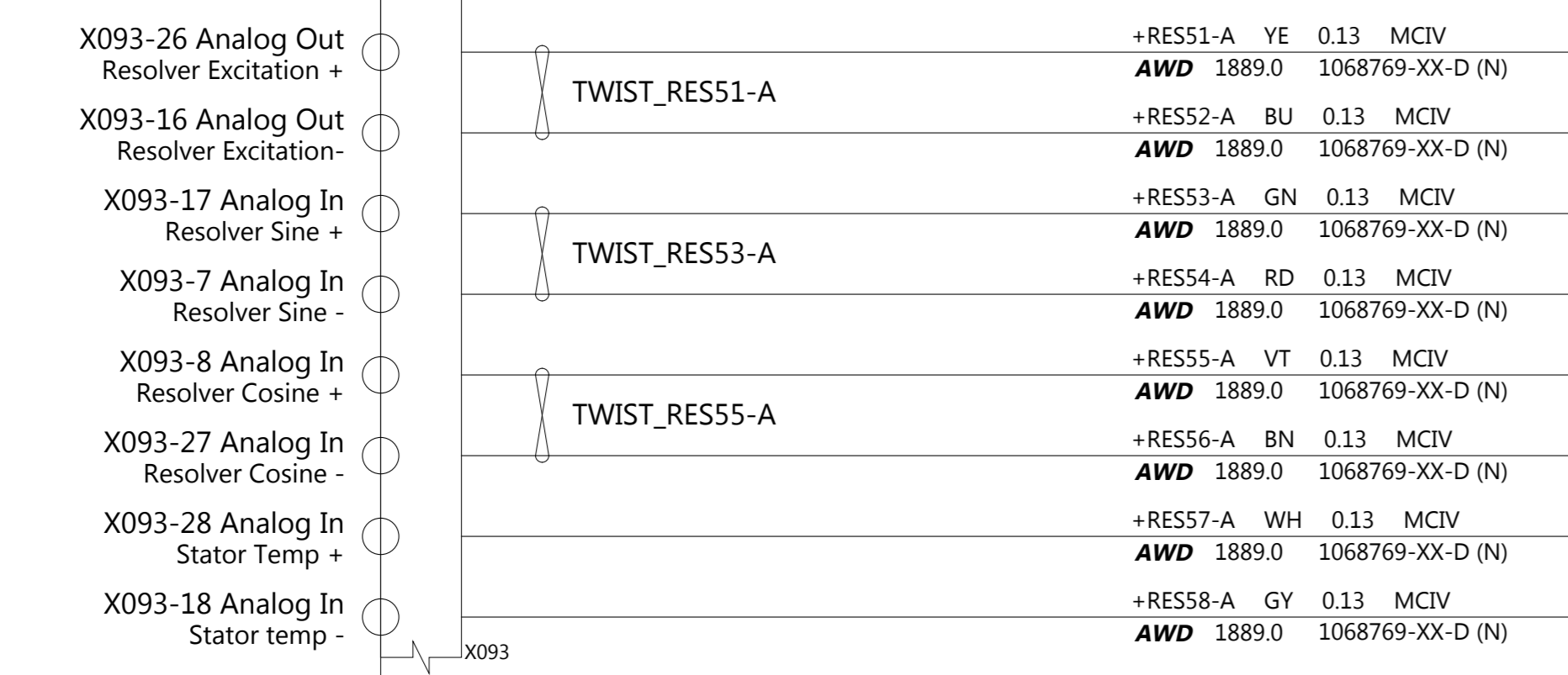
DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Doors Rear		
PART NUMBER	REV	SHEET
	2	20 OF 45
		SIZE A0

AWD
Drive Inverter Front & Resolver
N
X093 X094

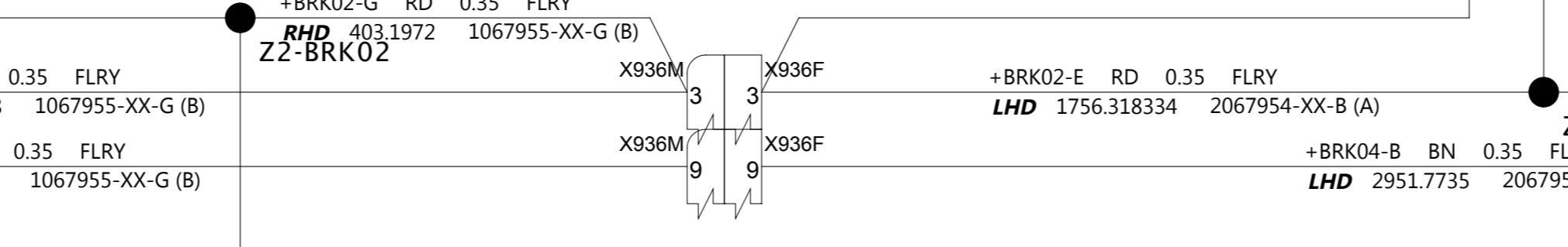
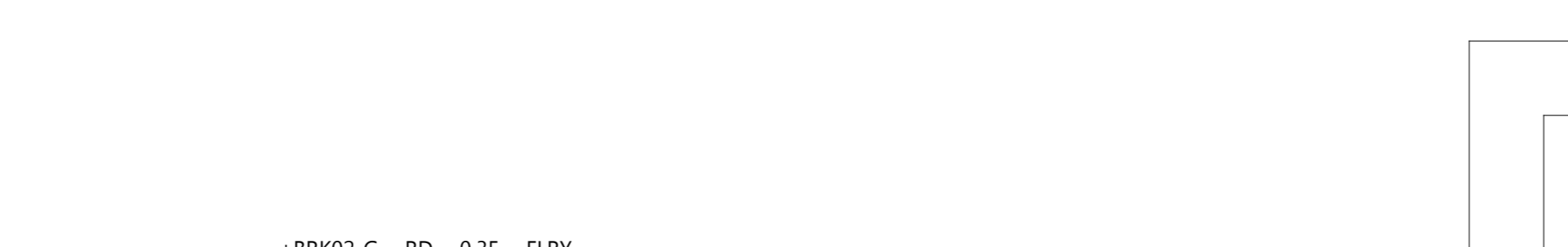
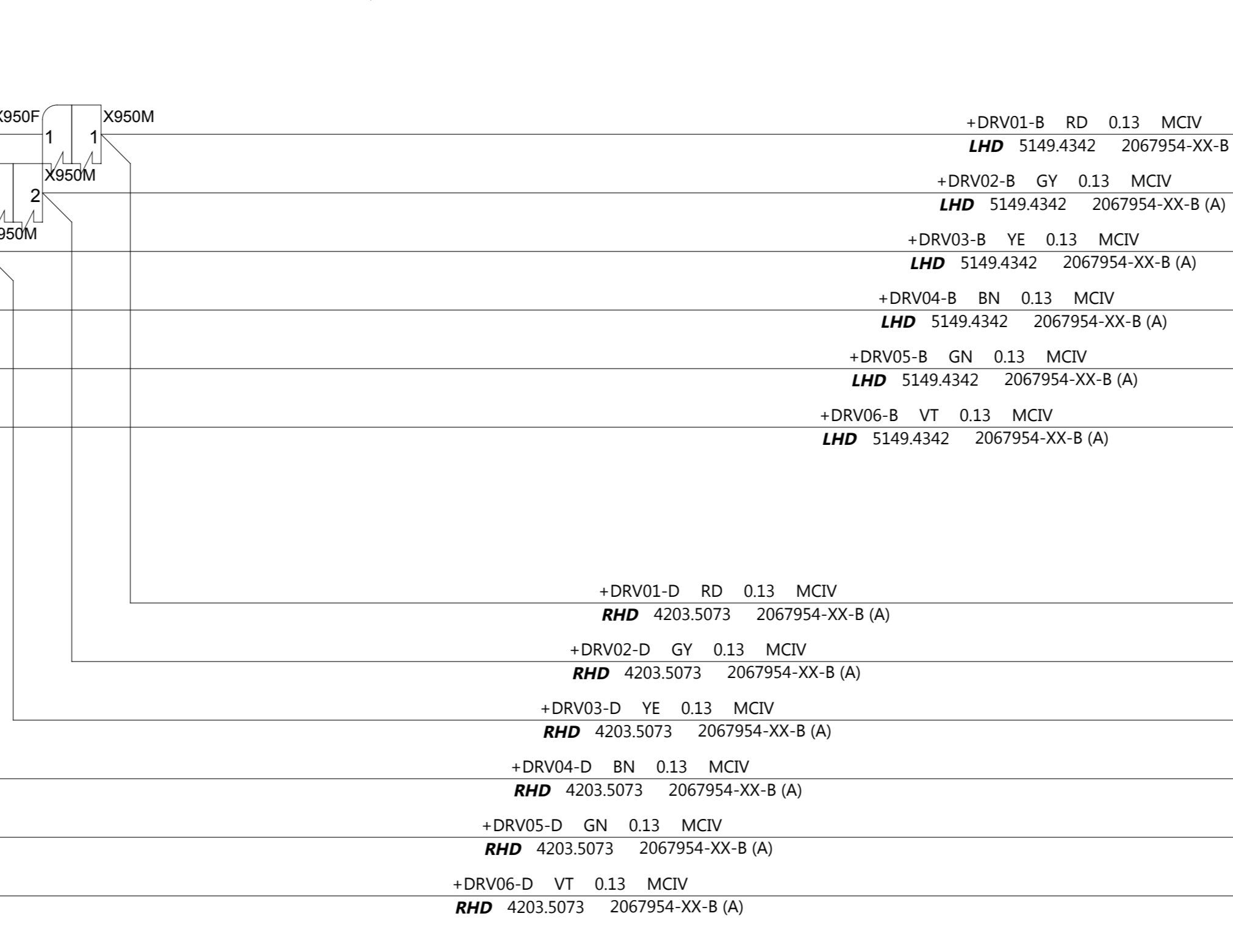
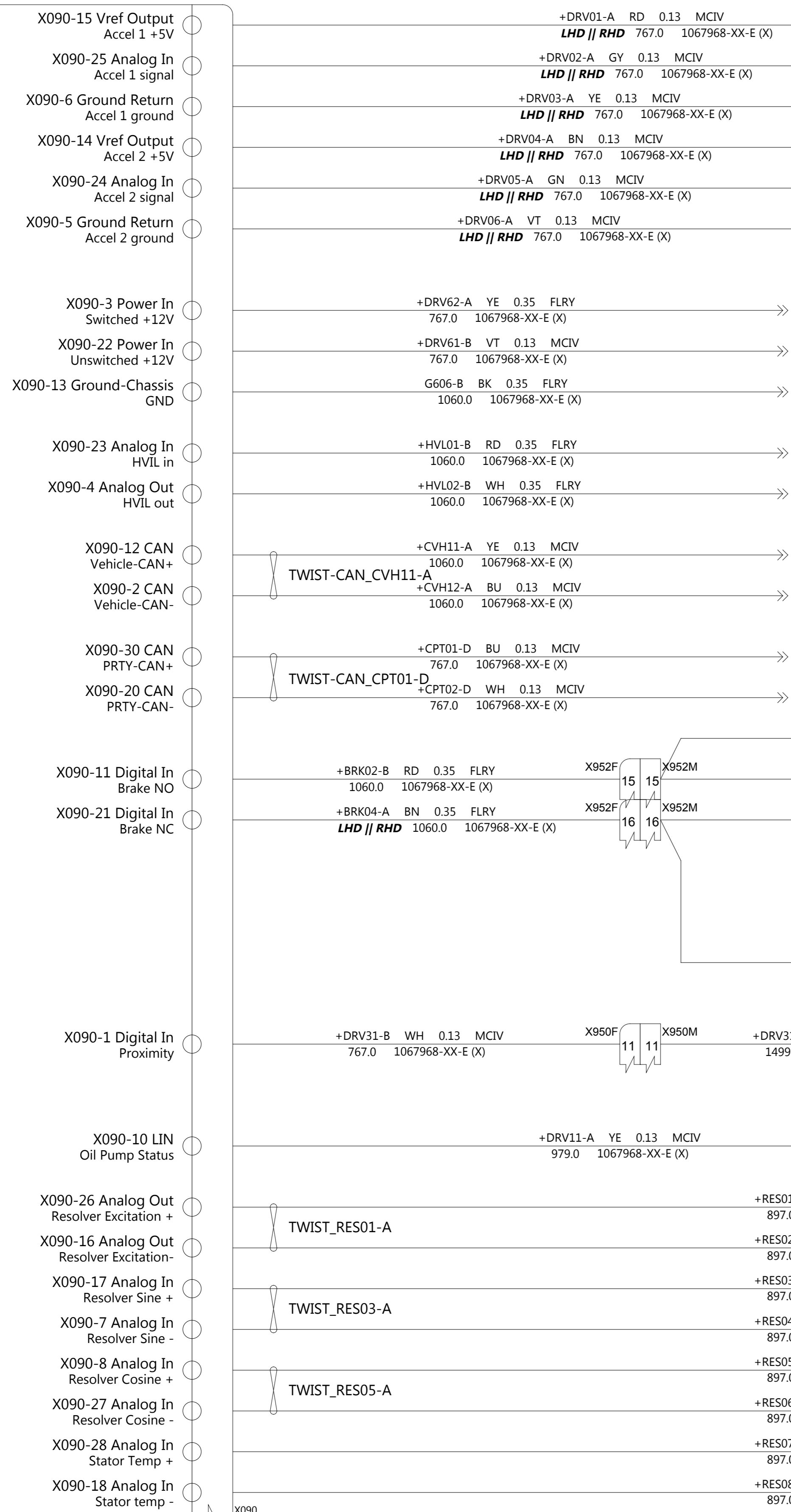


AWD
Drive Unit Oil Pump Front
N
X095

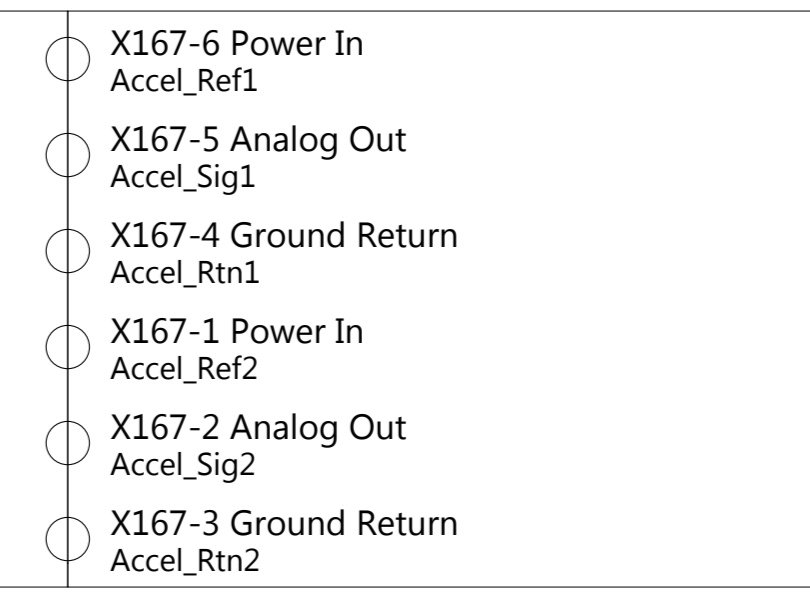
AWD
Drive Inverter Front & Resolver
N
X093 X094



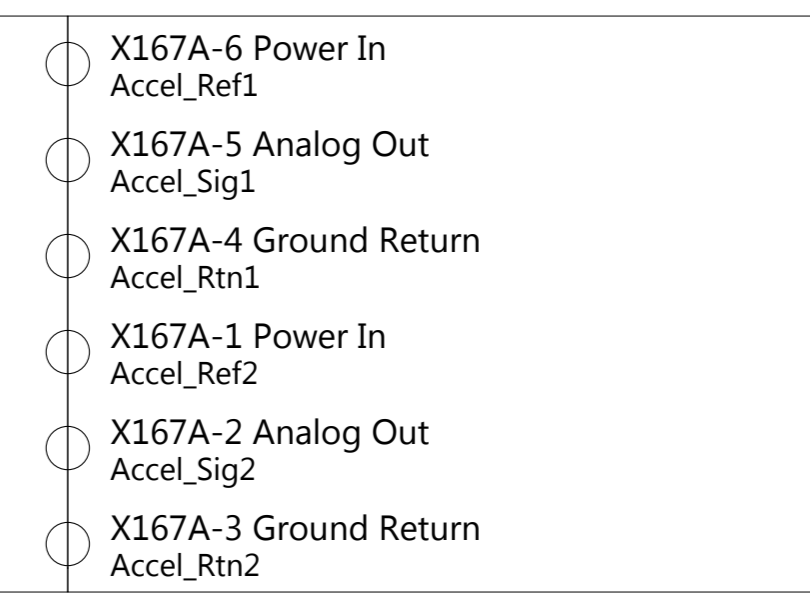
X
Drive Inverter Rear & Resolver
X
X090 X091



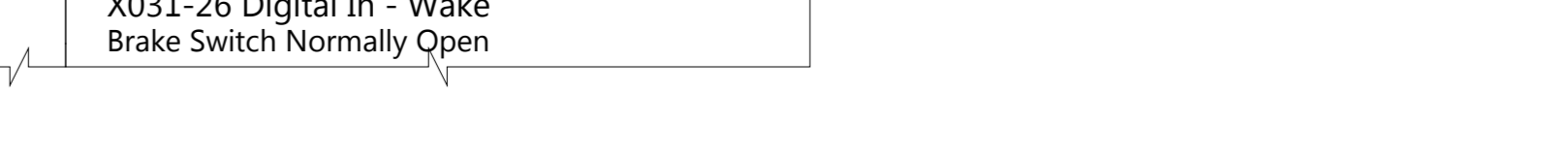
LHD
Accel Pedal Sensor (LHD)
A



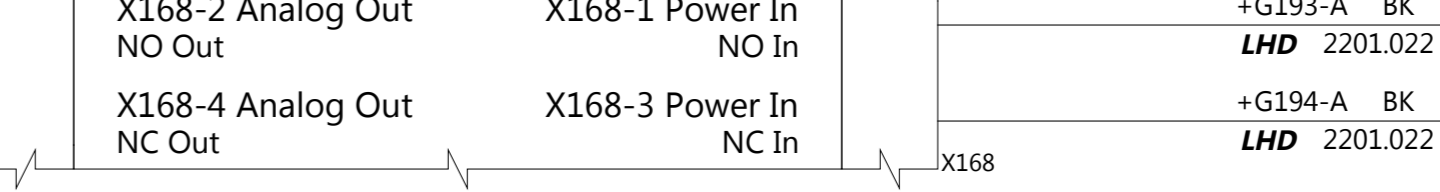
RHD
Accel Pedal Sensor (RHD)
B



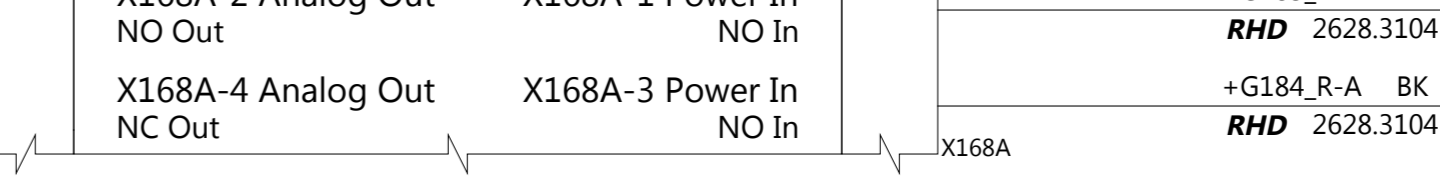
Body Controller Left
A,D,J,W X030 X031 X032 X033 X034 X035 X036 X037 X038



Brake Pedal Switch (LHD)
A LHD



Brake Pedal Switch (RHD)
B RHD

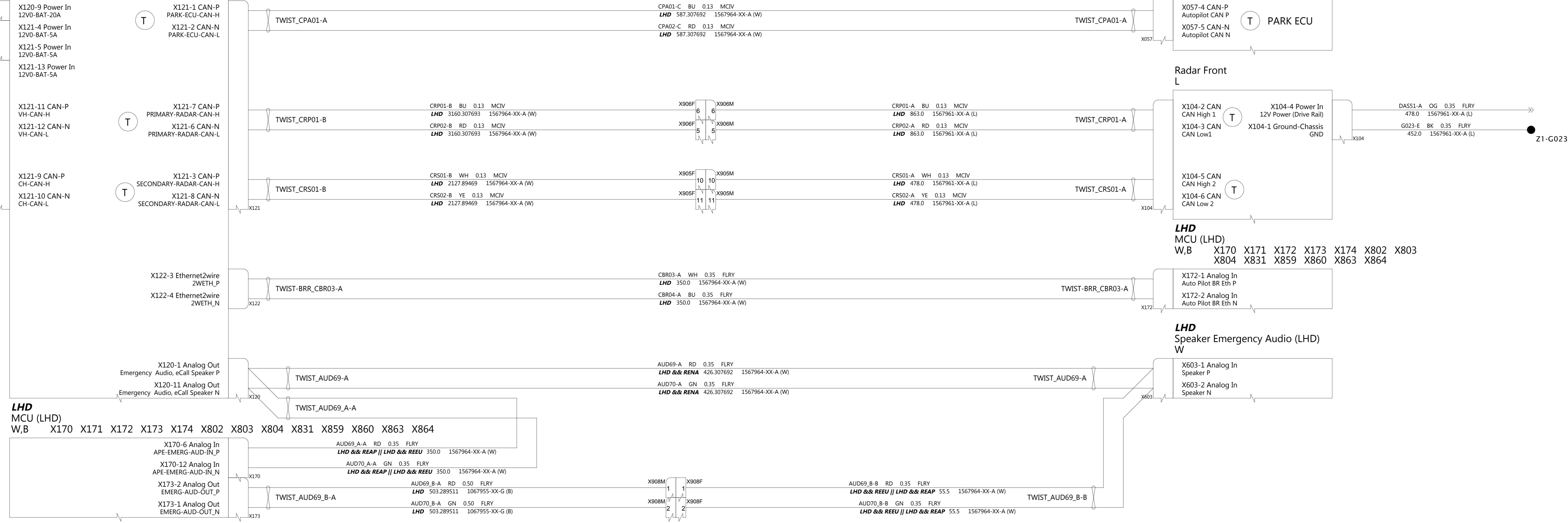


TESLA			
<small>THE INFORMATION CONTAINED HEREIN IS DEEMED TO BE CONFIDENTIAL, PROPRIETARY, AND A TRADE SECRET OF TESLA MOTORS. THIS INFORMATION MAY NOT BE USED, REPRODUCED, OR DISCLOSED AS THE DIRECT OR INDIRECT BASIS FOR THE DEVELOPMENT, MANUFACTURE, OR SALE OF PROCESSES OR PRODUCTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF TESLA MOTORS.</small>			
DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Drive Inverters			
PART NUMBER	REV	SHEET	SIZE
	2	21 OF 45	A0

Body Controller Front
W,U X010 X011 X012 X013 X014 X015 X016 X017 X018 X019 X020 X021 X022

LHD Autopilot ECU
W,J,B X003 X120 X121 X122 X800 X801 X830 X838 X870 X881 X890 X891

Body Controller Right
B,P,J,W X050 X051 X052 X053 X054 X055 X056 X057 X058



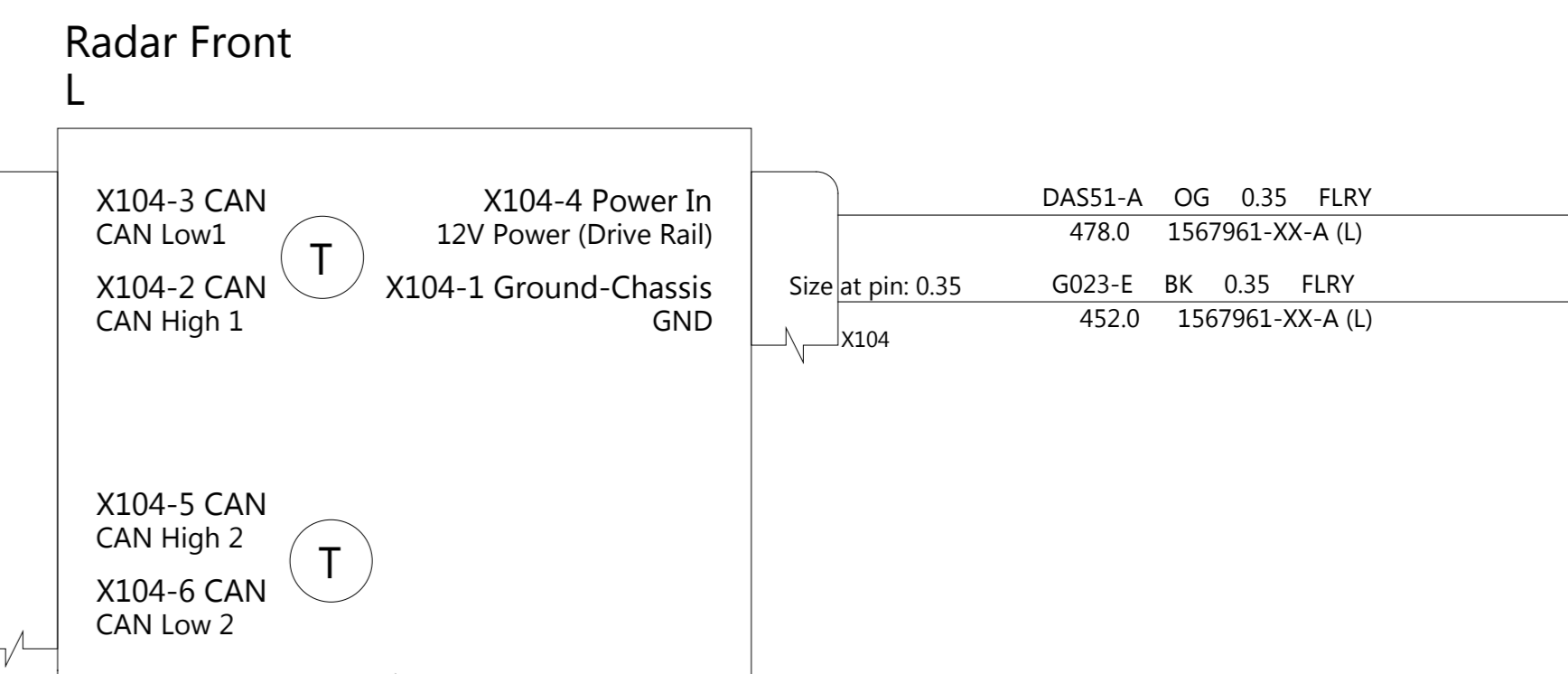
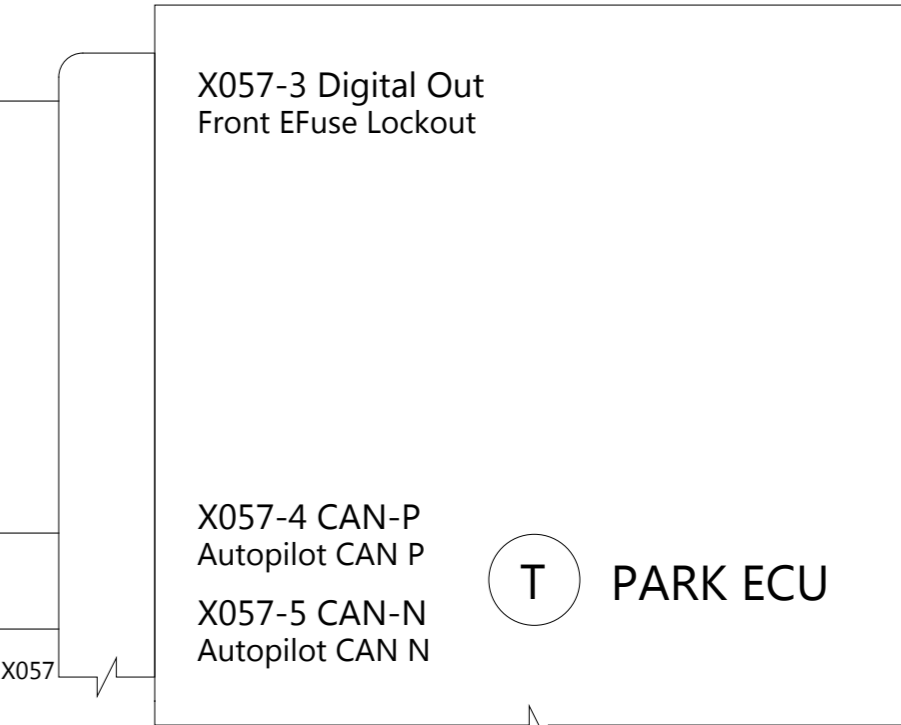
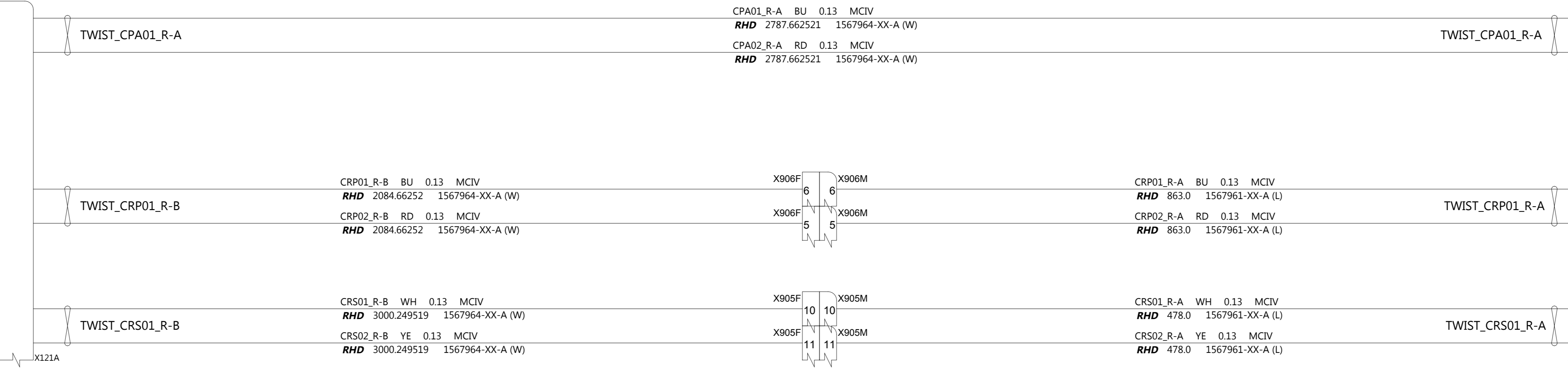
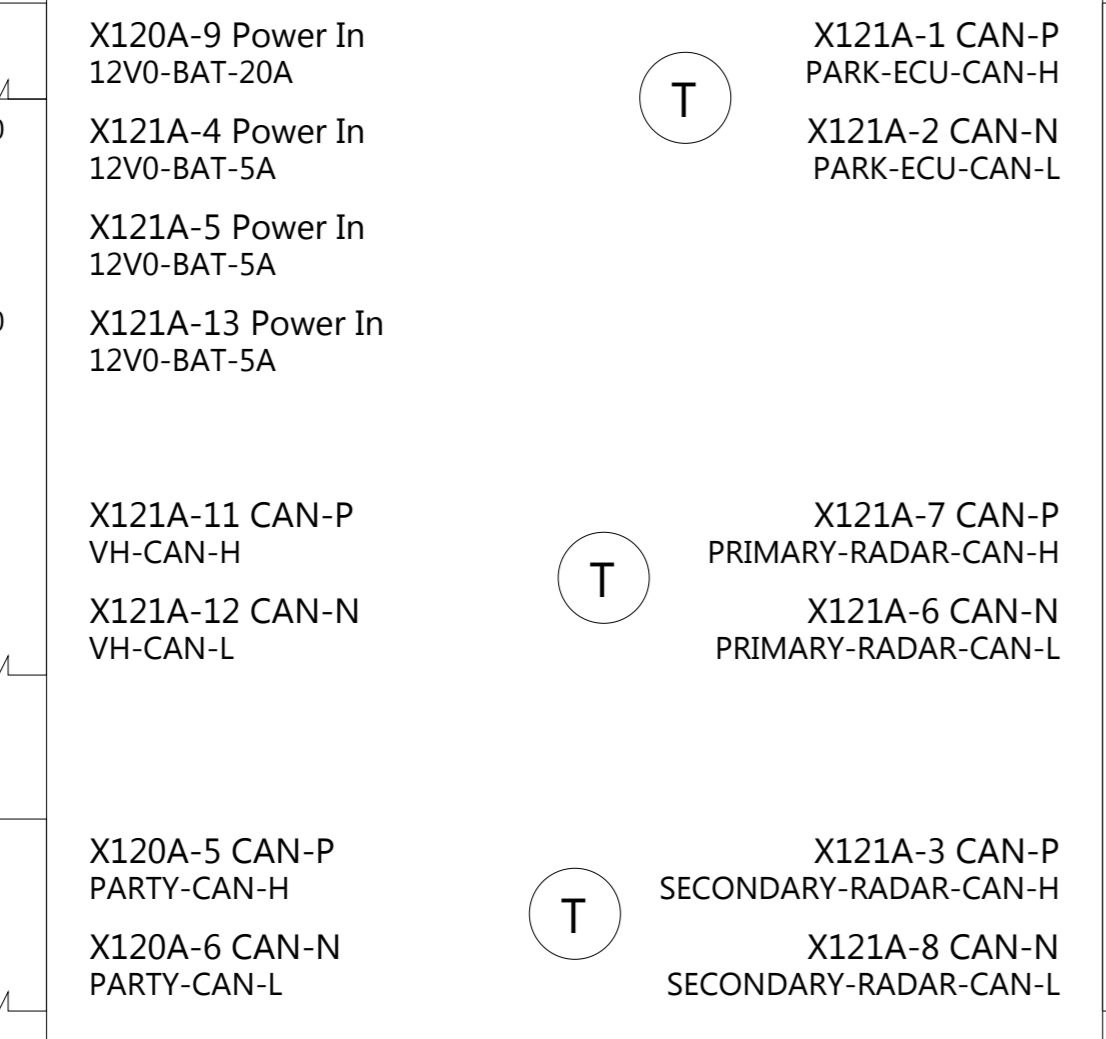
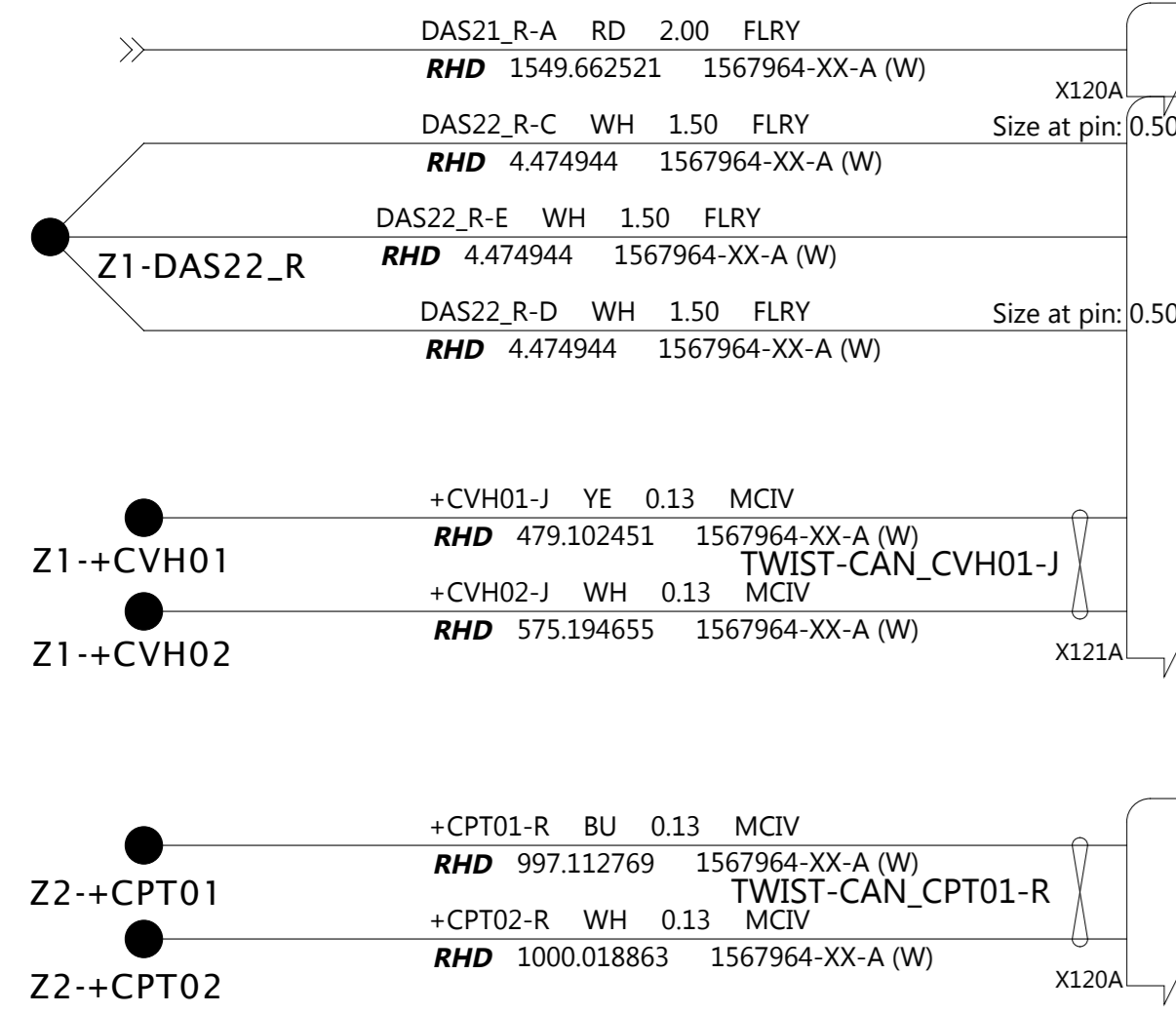
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Driver Assistance		
PART NUMBER	REV 2	SHEET 22 OF 45
		SIZE A0

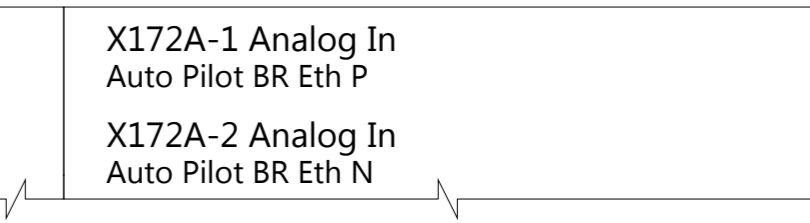
Body Controller Front
W,U X010 X011 X012 X013 X014 X015 X016 X017 X018 X019 X020 X021 X022

Body Controller Right
B,P,J,W X050 X051 X052 X053 X054 X055 X056 X057 X058

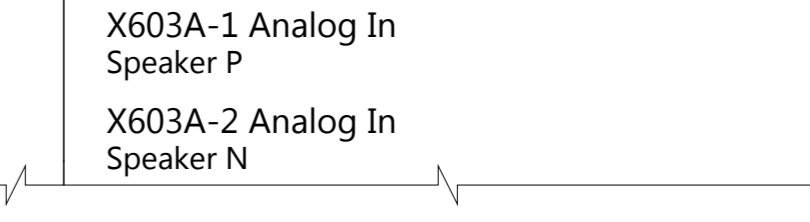
RHD
Autopilot ECU (RHD)
W,J,B,A X003A X120A X121A X122A X800A X801A X830A X838A X870A X881A X890A X981A



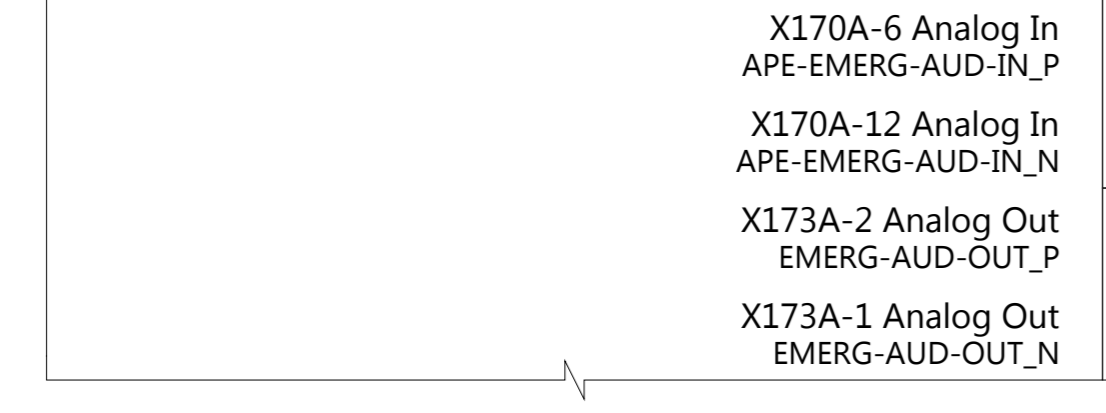
RHD
MCU (RHD)
W, B X170A X171A X172A X173A X174A X802A X803A X804A X831A X859A X860A X863A X864A



RHD
Speaker Emergency Audio (RHD)
W,J,B



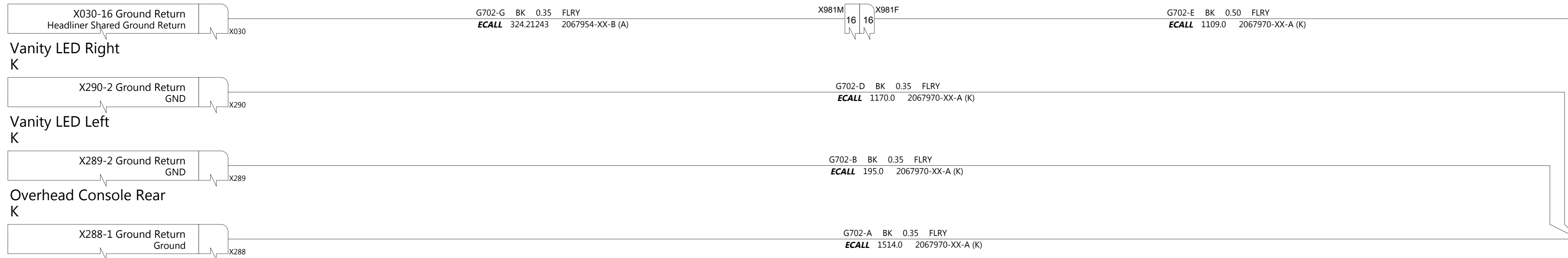
RHD
MCU (RHD)
W, B X170A X171A X172A X173A X174A X802A X803A X804A X831A X859A X860A X863A X864A



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Driver Assistance, RHD		
PART NUMBER	REV	SHEET
	2	23 OF 45
		SCALE
		A0

Body Controller Left
A,D,J,W X030 X031 X032 X033 X034 X035 X036 X037 X038



Vanity LED Right
K



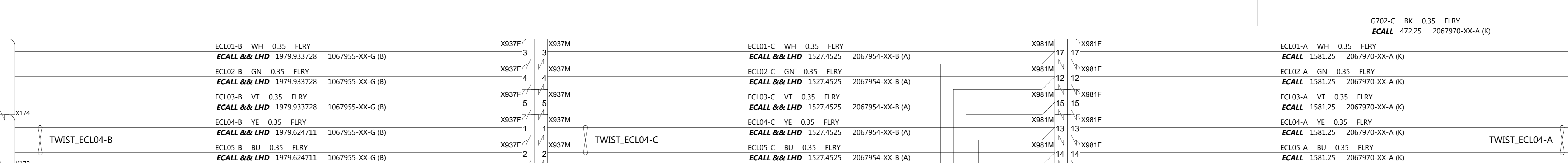
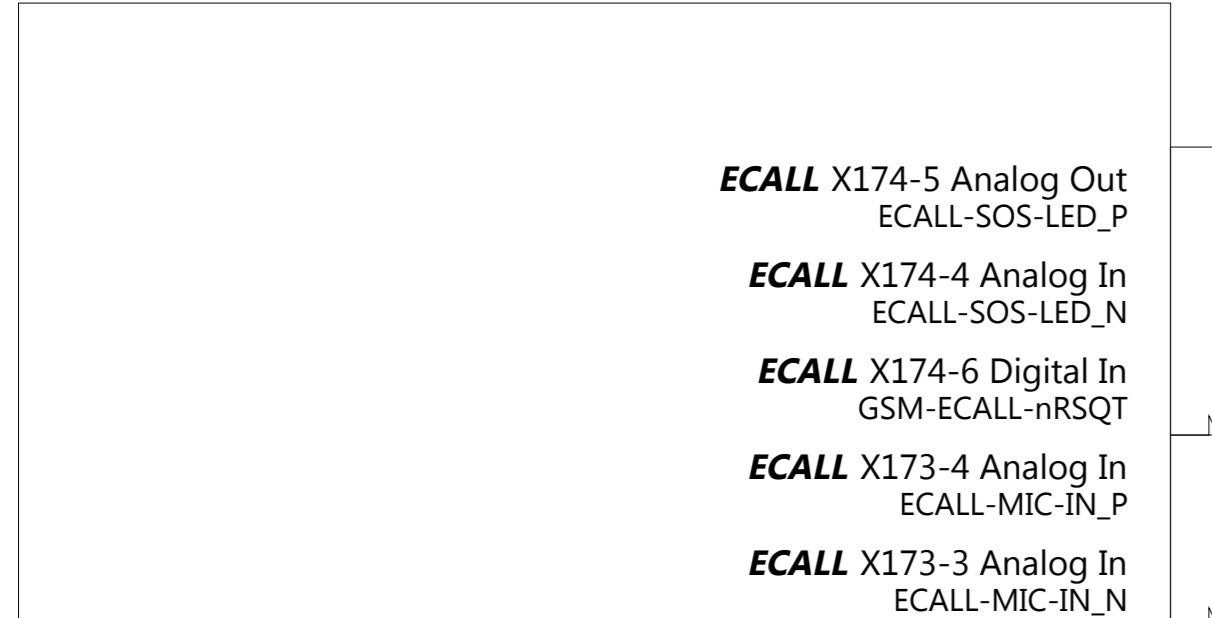
Vanity LED Left
K



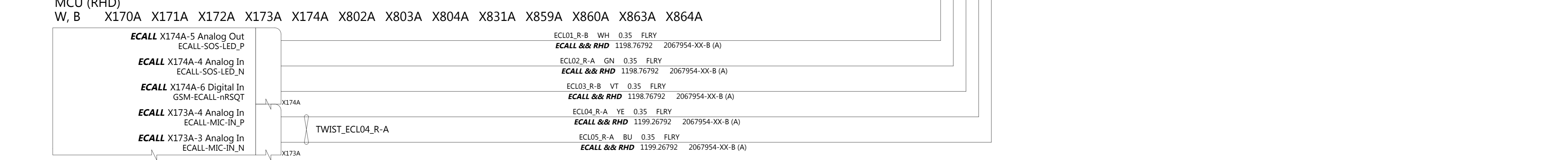
Overhead Console Rear
K



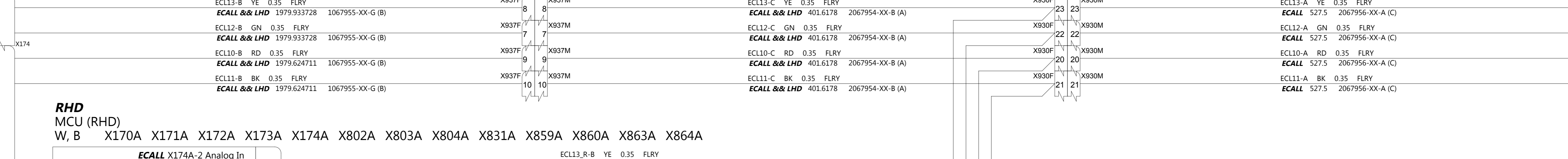
LHD
MCU (LHD)
W,B X170 X171 X172 X173 X174 X802 X803 X804 X831 X859 X860 X863 X864



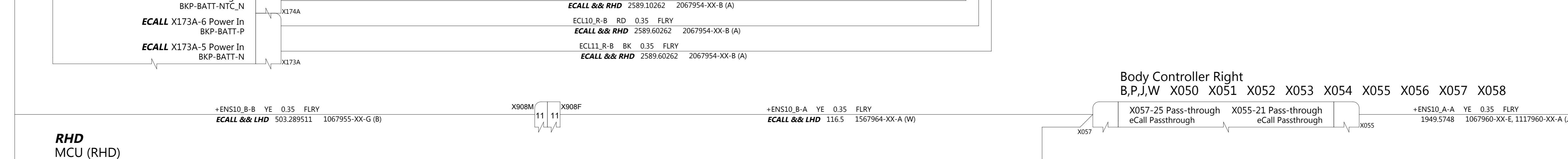
RHD
MCU (RHD)
W, B



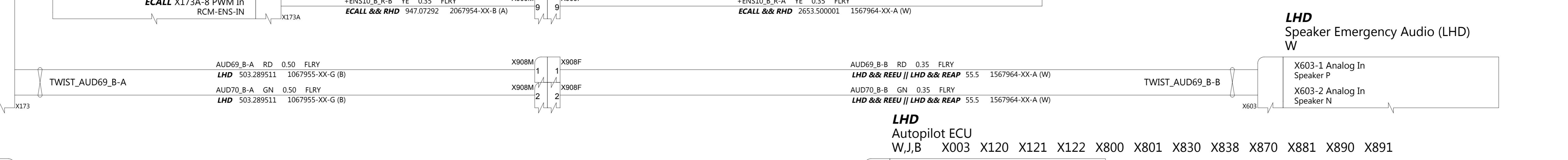
RHD
MCU (RHD)
W, B



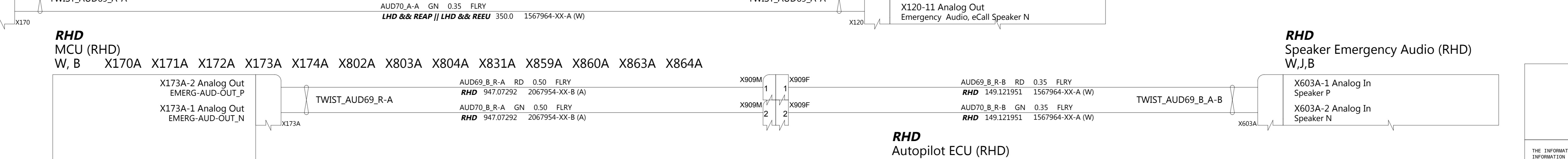
RHD
MCU (RHD)
W, B



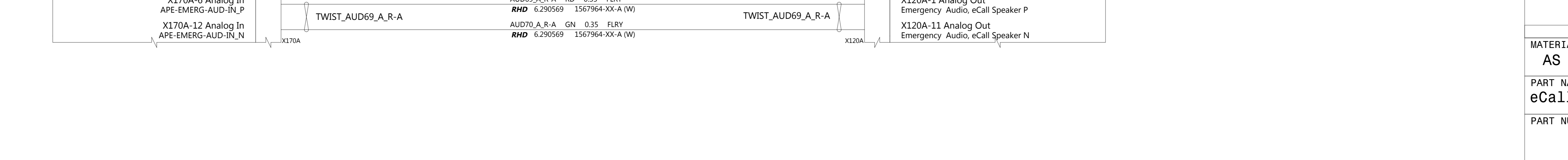
RHD
MCU (RHD)
W, B



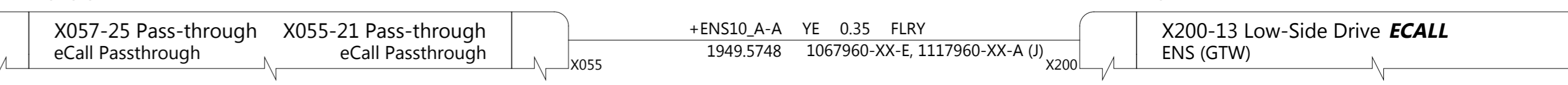
RHD
MCU (RHD)
W, B



RHD
MCU (RHD)
W, B



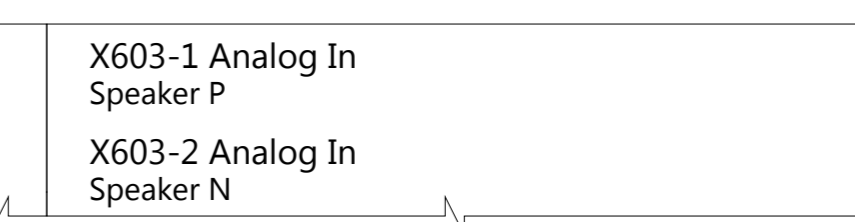
Body Controller Right
B,P,J,W X050 X051 X052 X053 X054 X055 X056 X057 X058



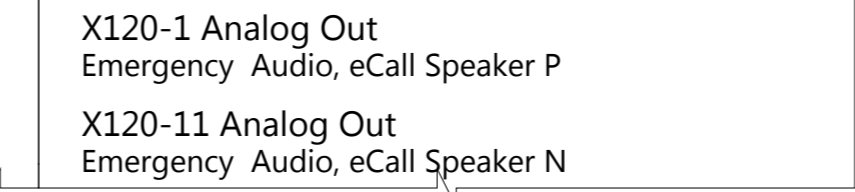
Restraints Controller
A,J X200 X201



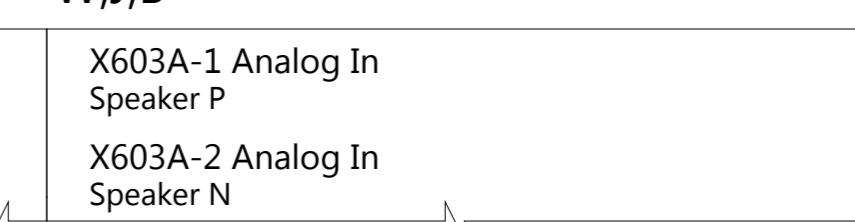
LHD
Speaker Emergency Audio (LHD)
W



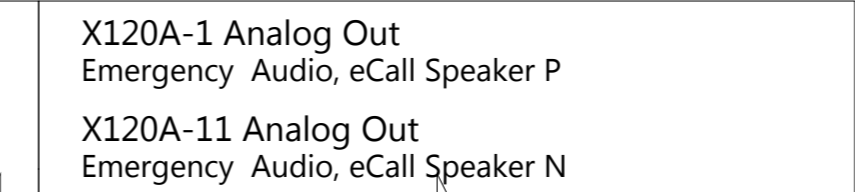
LHD
Autopilot ECU
W,J,B X003 X120 X121 X122 X800 X801 X830 X838 X870 X881 X890 X891



RHD
Speaker Emergency Audio (RHD)
W,J,B



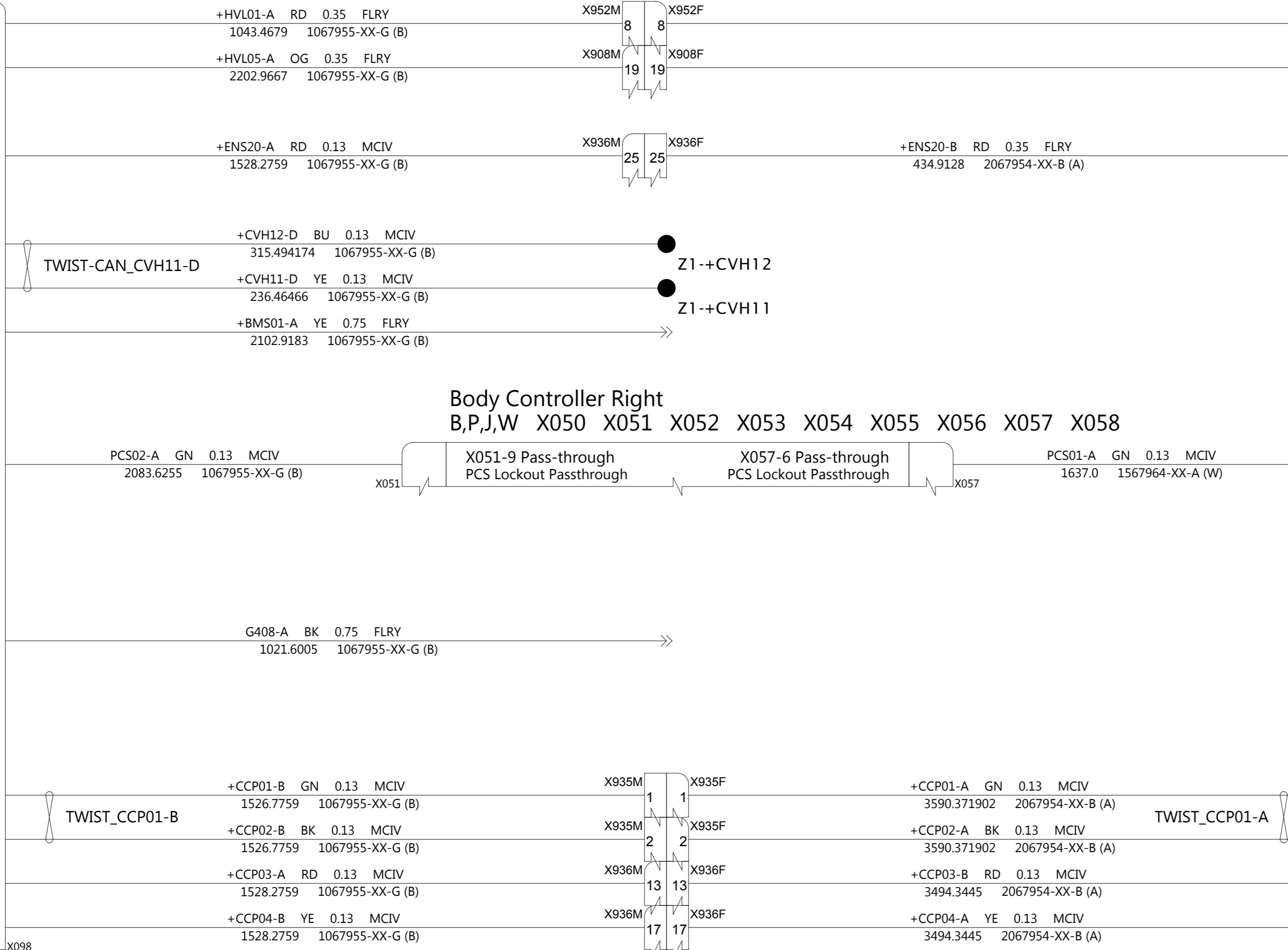
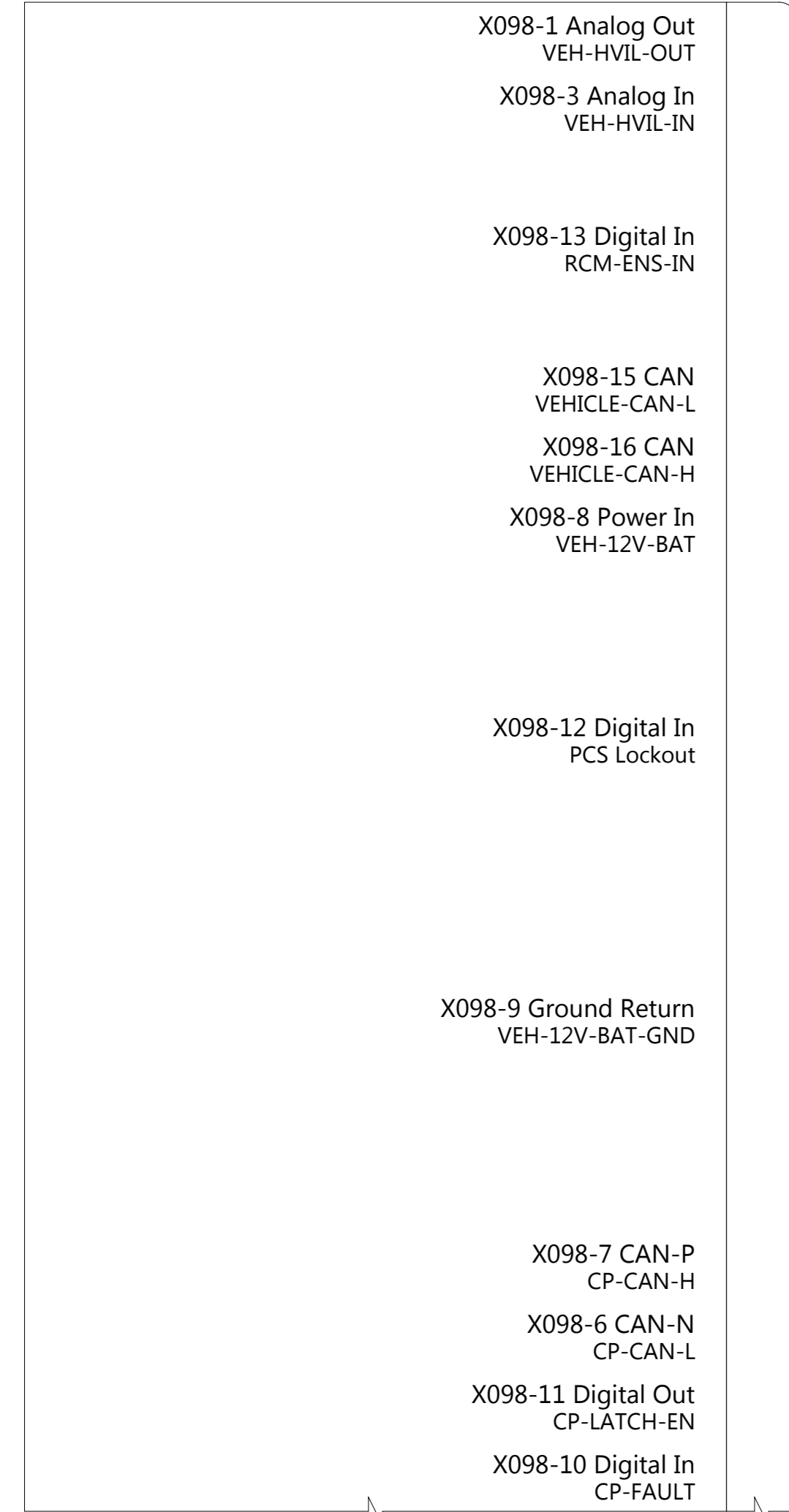
RHD
Autopilot ECU (RHD)
W,J,B,A X003A X120A X121A X122A X800A X801A X830A X838A X870A X881A X890A X891A



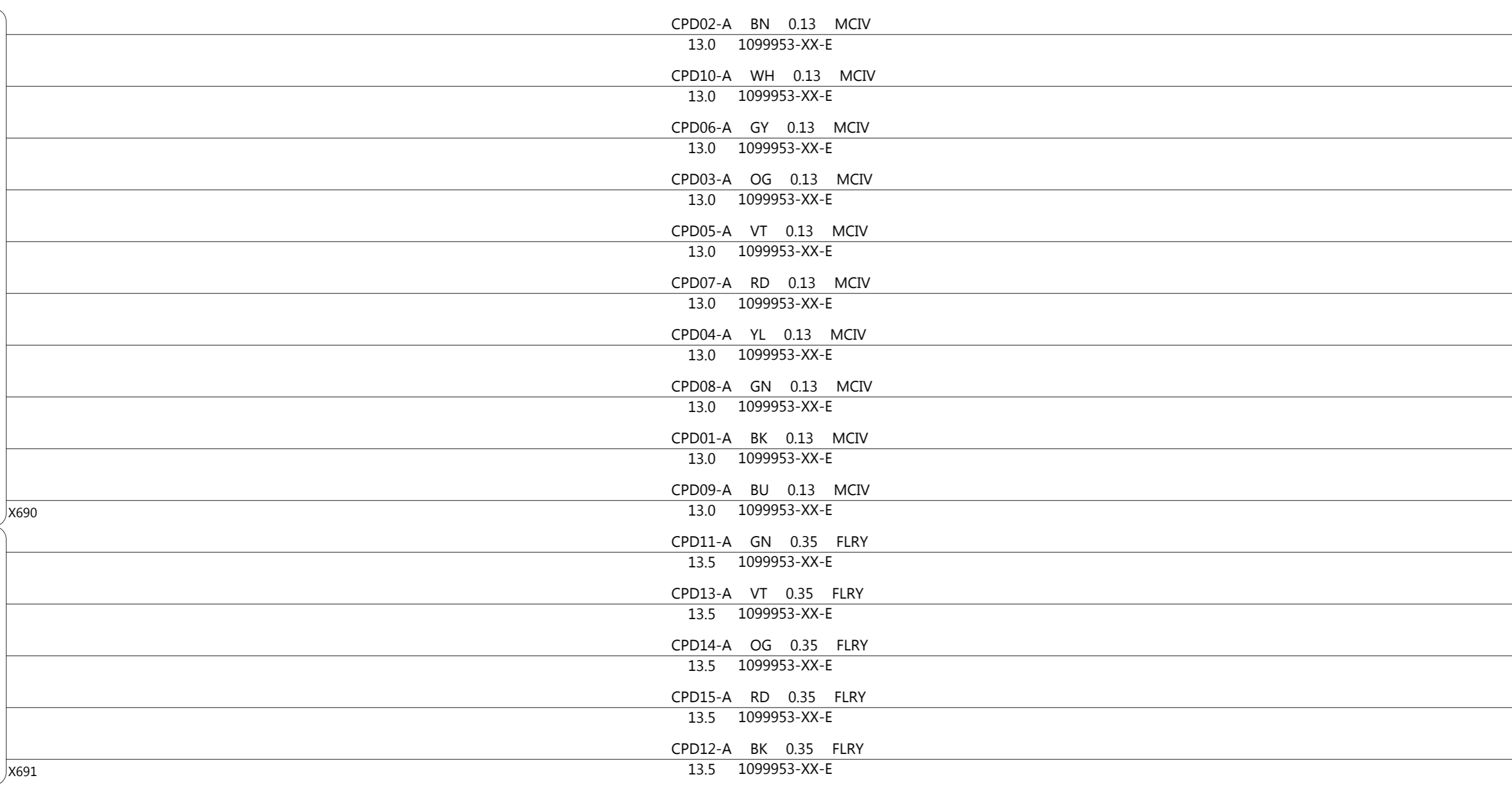
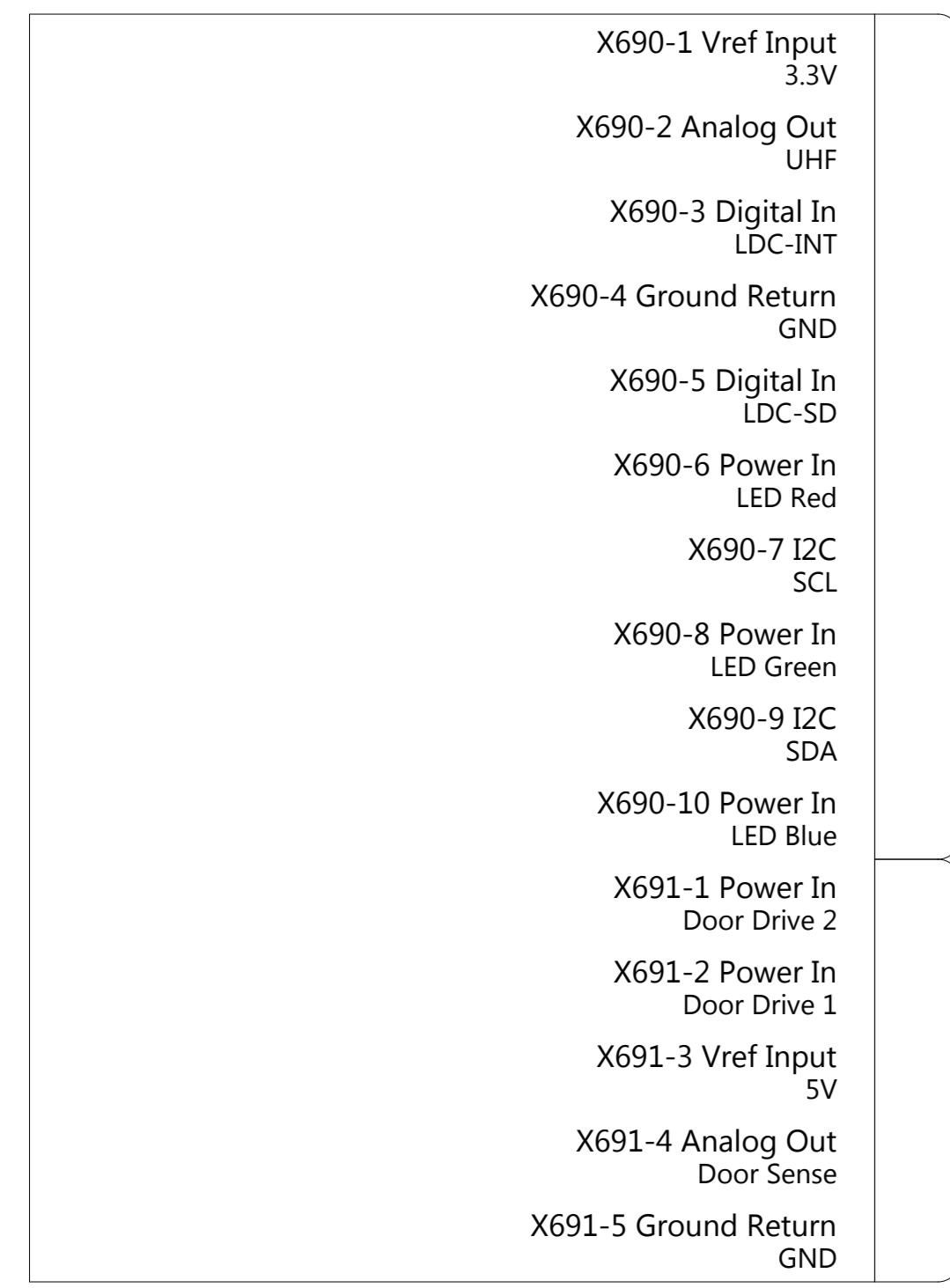
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME eCall		
PART NUMBER	REV	SHEET
	2	24 OF 45
		SCALE A0

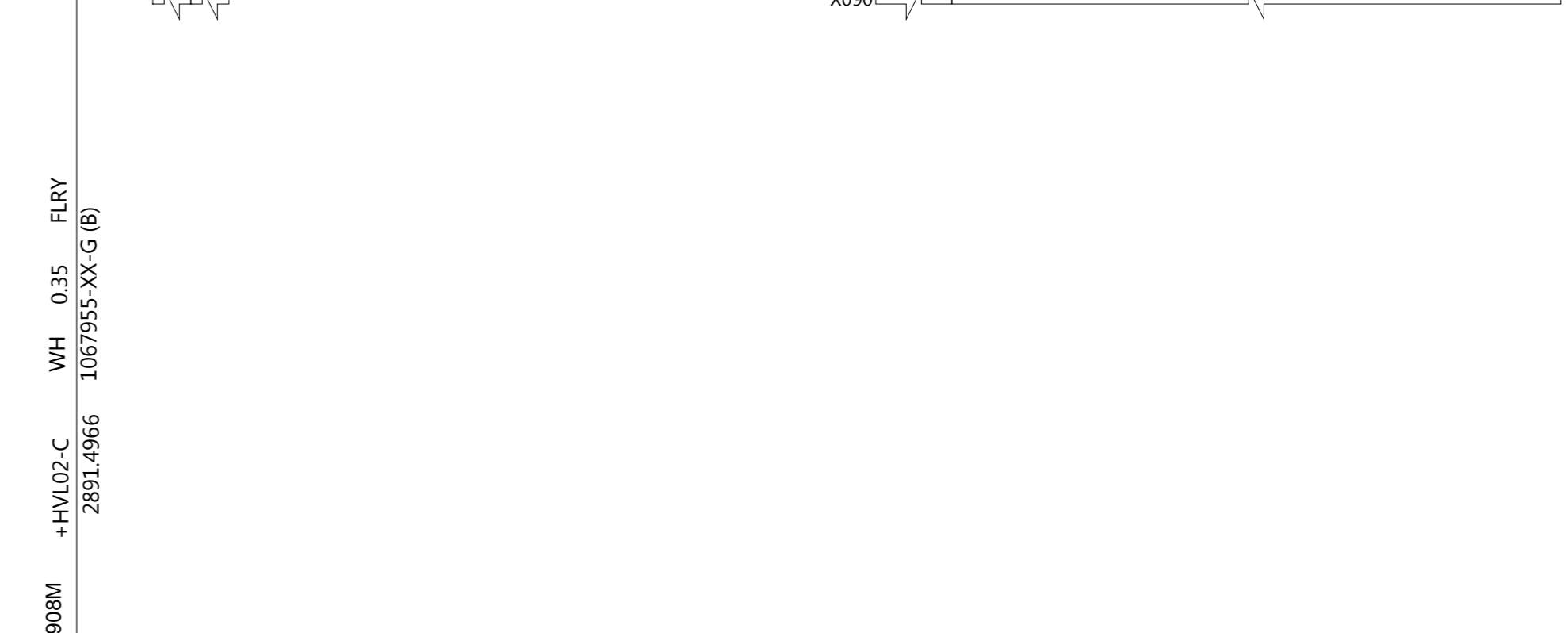
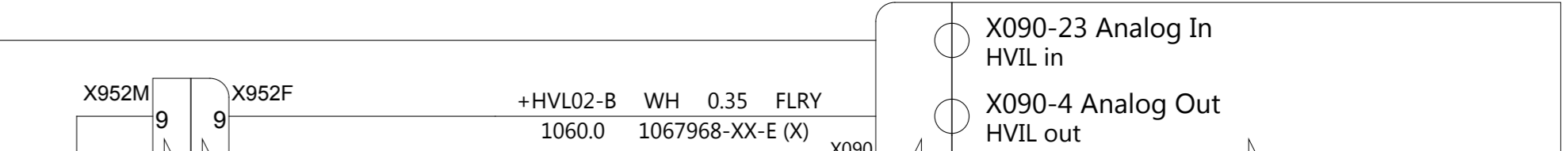
HV Battery
B X006 X007 X098



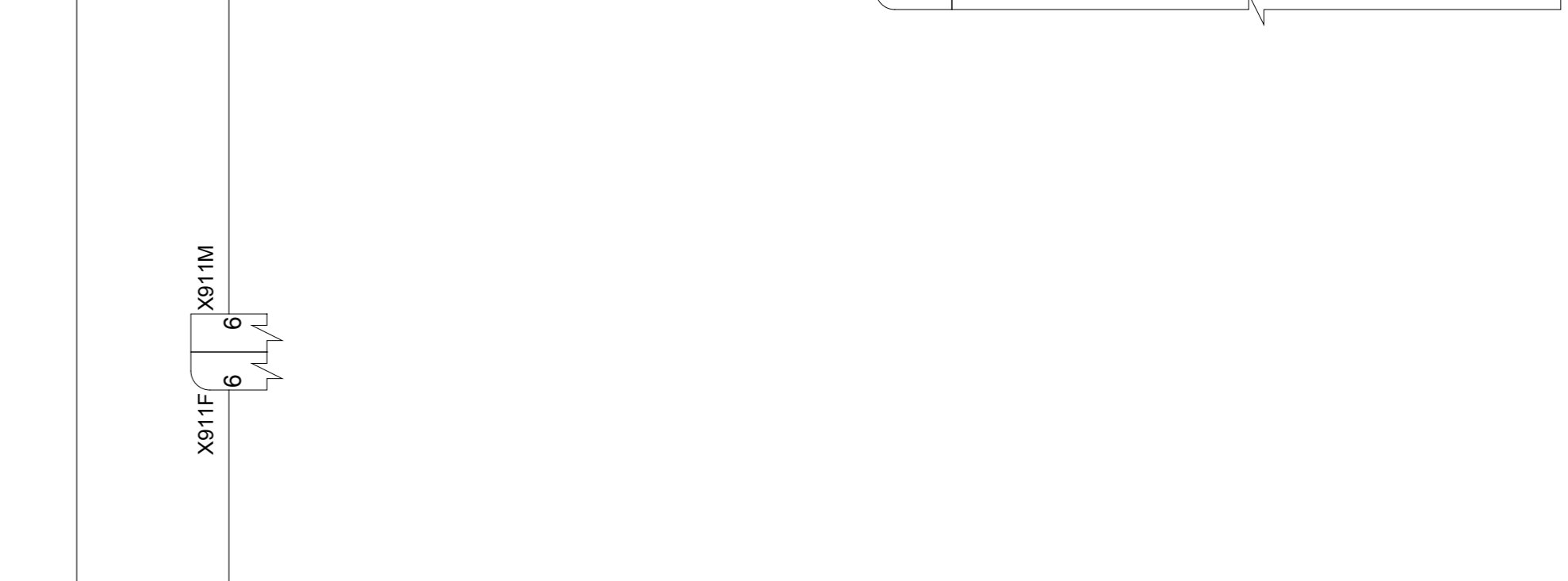
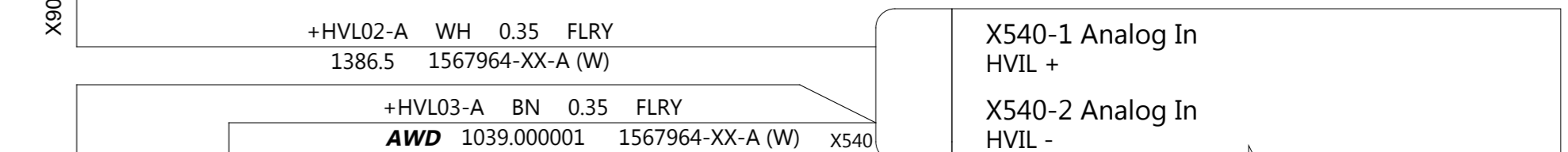
Charge Port Door



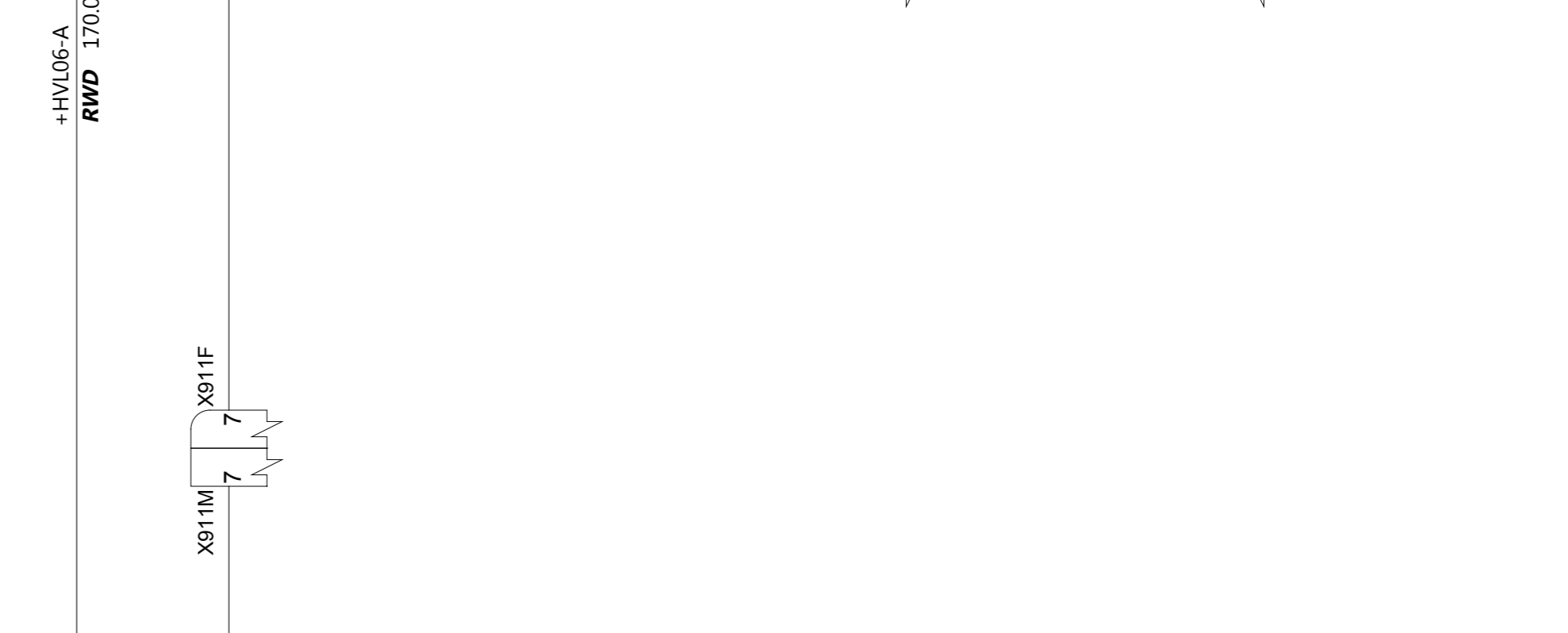
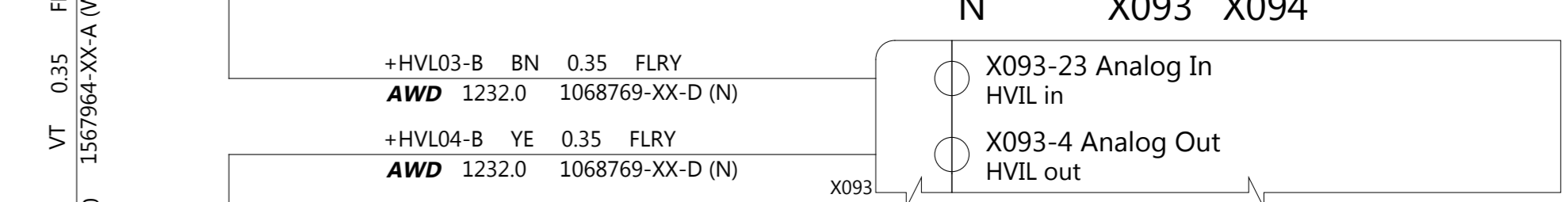
Drive Inverter Rear & Resolver
X X090 X091



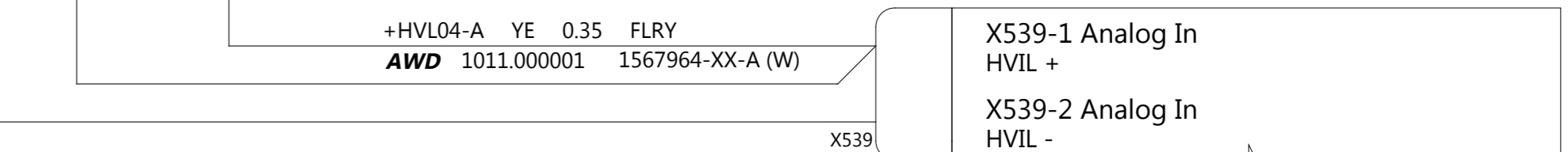
HV Compressor
U,W X530 X531



AWD Drive Inverter Front & Resolver
N X093 X094



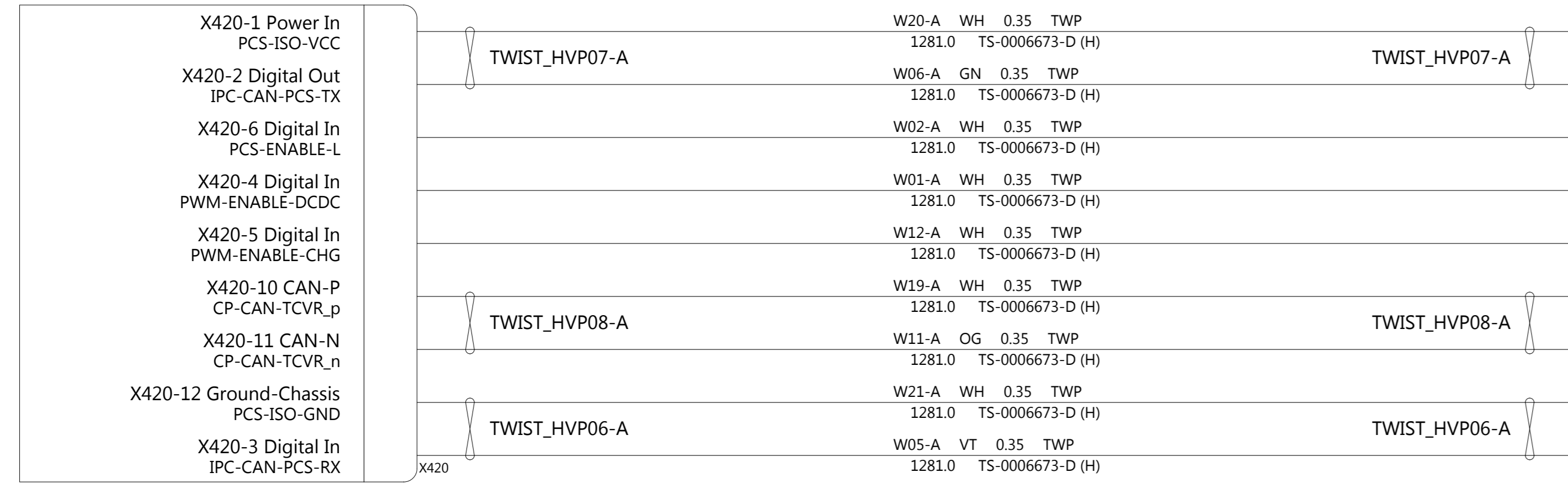
PTC Heater
J,W X535 X539 G025



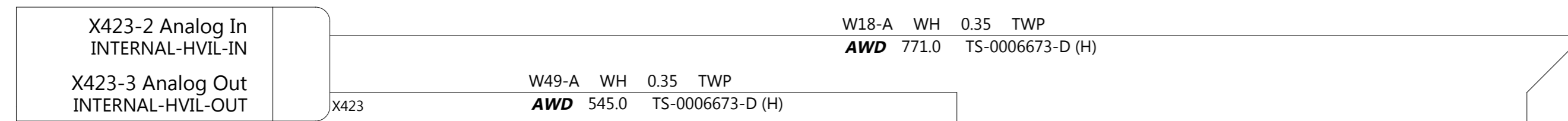
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME HV Battery and HVIL		
PART NUMBER	REV	SHEET
	2	25 OF 45
		SIZE A0

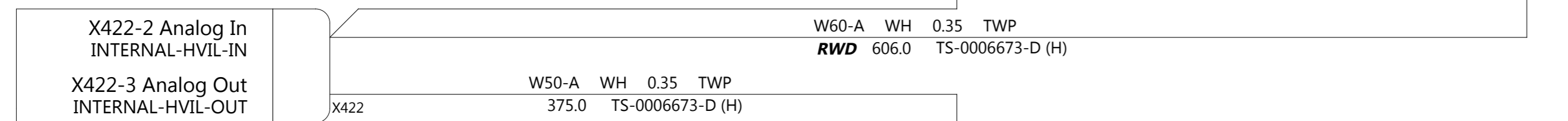
PCS
H



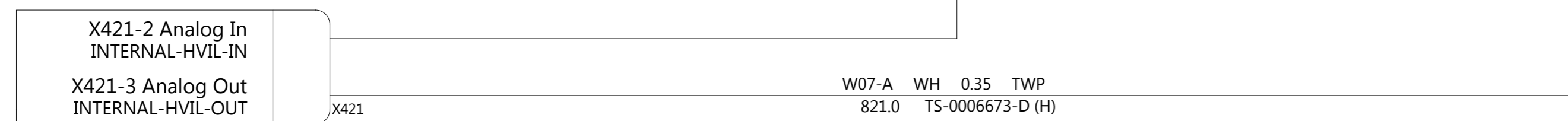
AWD
HV-FDU
H



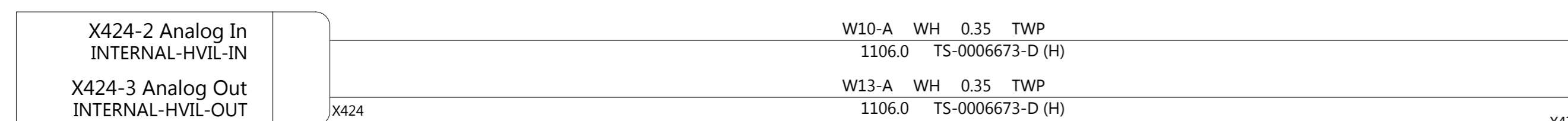
HV-RDU
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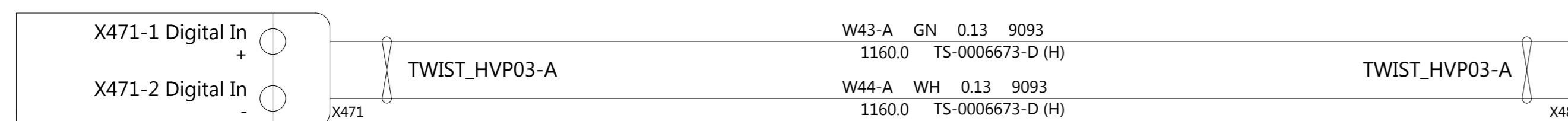
HV-ANCIL
H



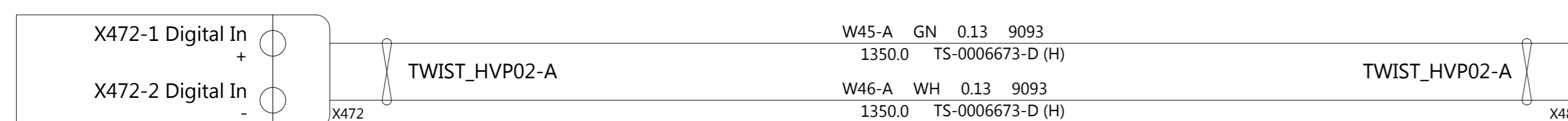
CHARGER-INLET
H



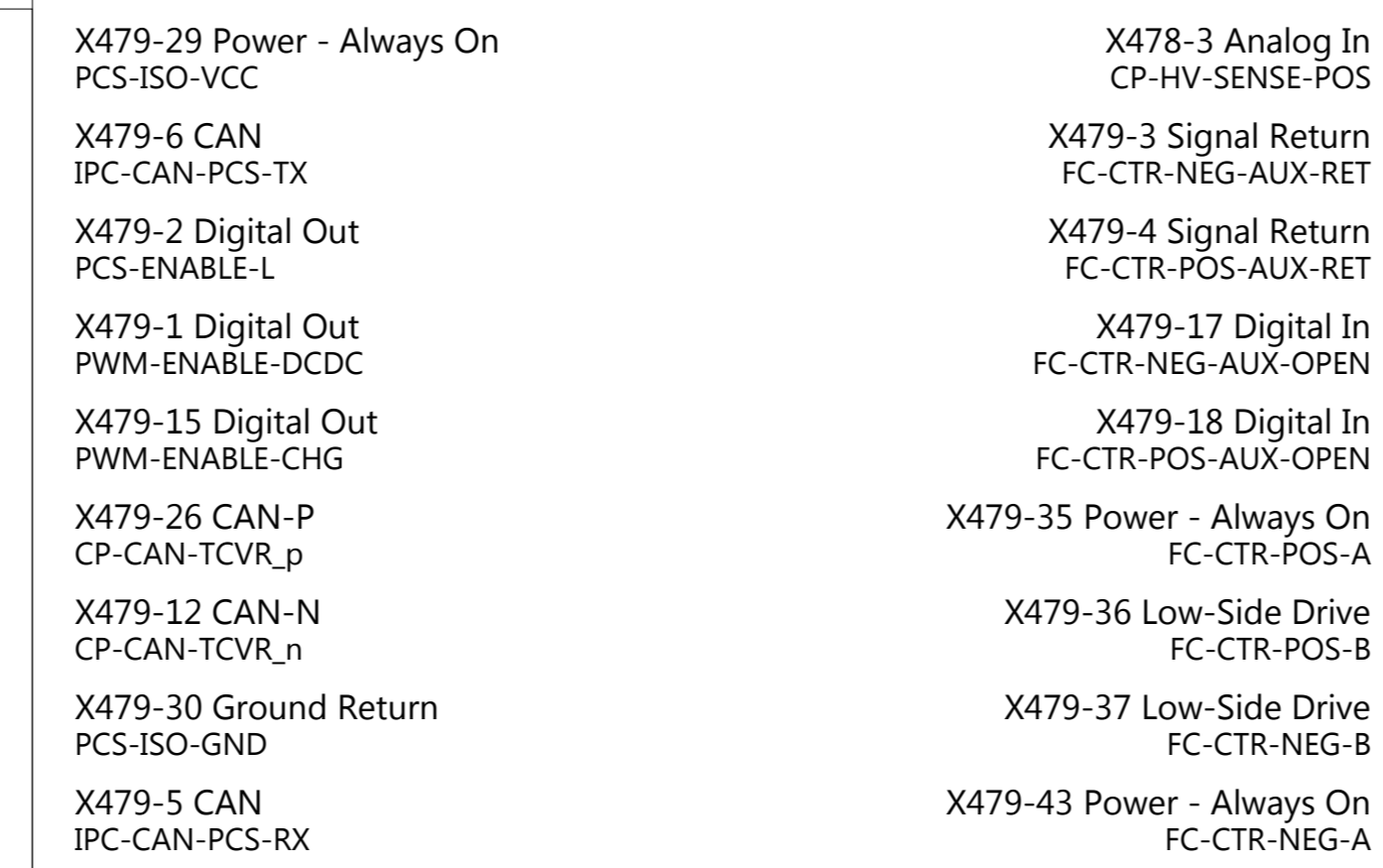
BMB-DAISY-A
H



BMB-DAISY-B
H



HV Controller
H X478 X479 X480 X481 X482 X483 X484



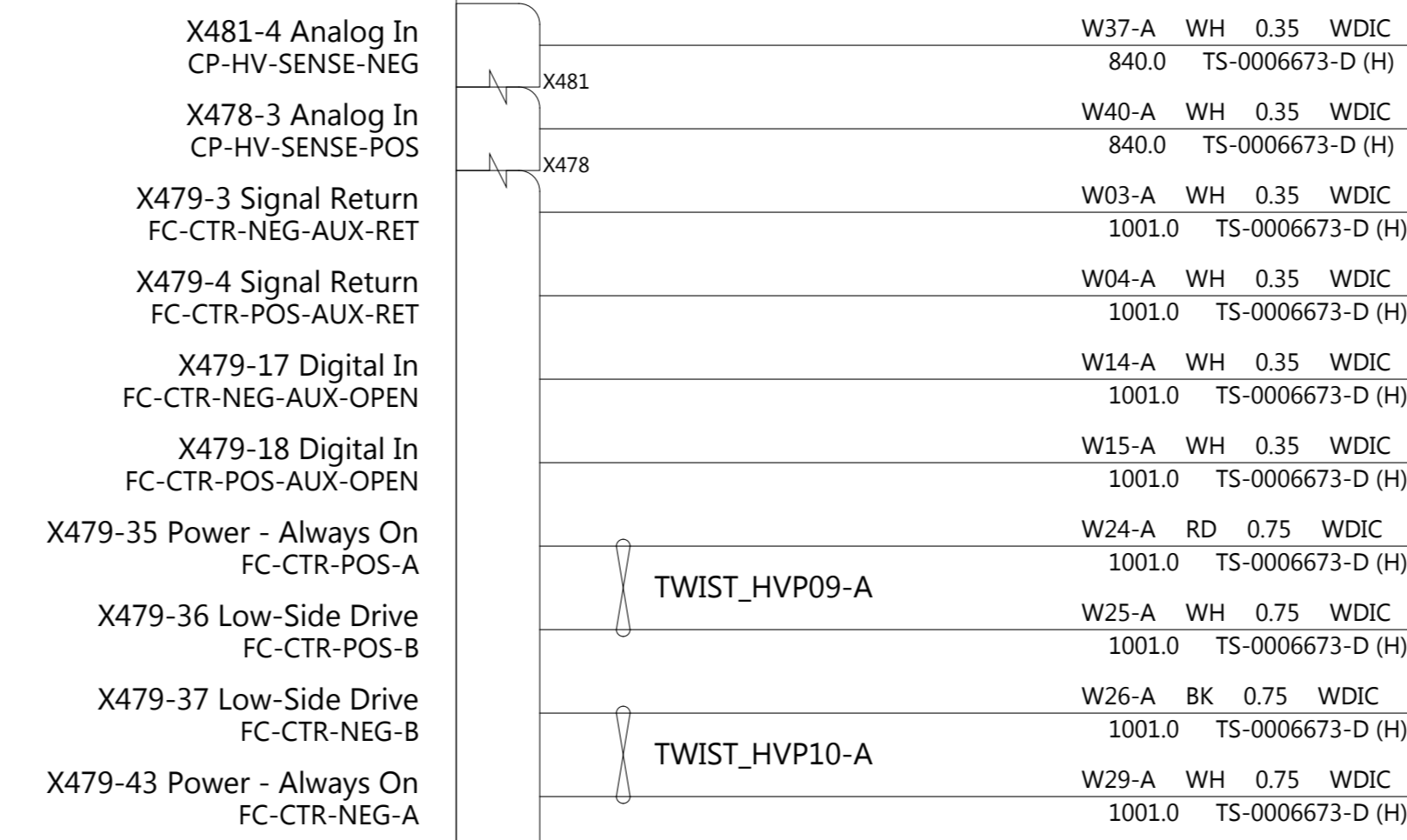
X479-24 Analog Out
INTERNAL-HVIL-OUT

X479-7 Analog In
INTERNAL-HVIL-IN

X479-10 Analog Out
CP-HV-CABLES-OK-OUT
X479-16 Digital Out
CP-HV-CABLES-OK-IN

X482-1 Analog Out
BMB-DIR-A p
X482-2 Analog Out
BMB-DIR-A n

X483-1 Analog Out
BMB-PRI-DIR-B p
X483-2 Analog Out
BMB-PRI-DIR-B n



X479-8 Analog Out
FLOOD-SW1-PWR
X479-22 Signal Return
FLOOD-SW1-RET

X479-9 Analog Out
FLOOD-SW2-PWR
X479-23 Signal Return
FLOOD-SW2-RET

X479-33 Power - Always On
POS-CONTACTOR-A
X479-41 Low-Side Drive
POS-CONTACTOR-B

X478-6 Analog In
PACK-HV-SENSE-POS
X478-12 Analog In
DC-LINK-SENSE-POS

X479-34 Power - Always On
NEG-CONTACTOR-A
X479-42 Low-Side Drive
NEG-CONTACTOR-B

X481-1 Analog In
PACK-HV-SENSE-NEG
X481-7 Analog In
DC-LINK-SENSE-NEG

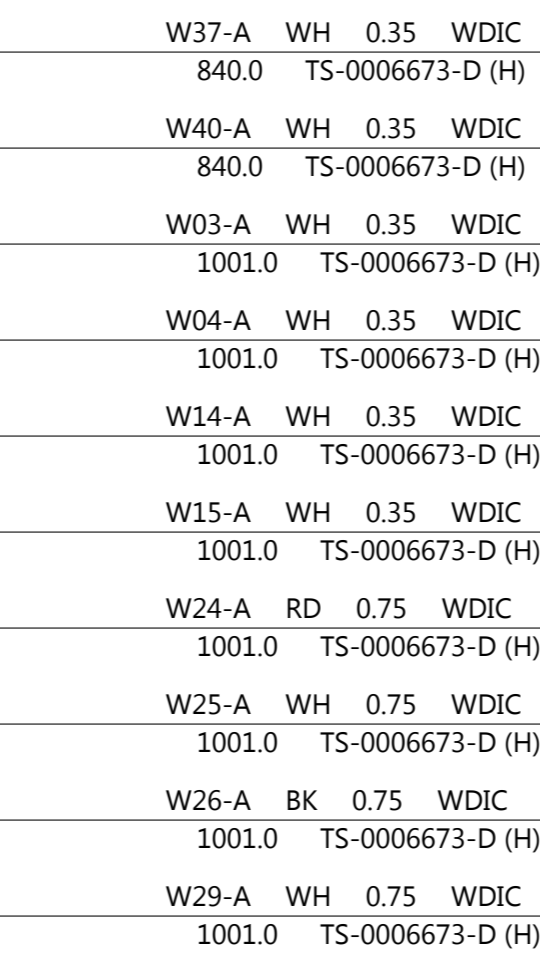
X480-3 Analog In
SHUNT-TEMP-RET
X480-7 Analog In
SHUNT-TEMP

X480-4 Analog In
SHUNT-SENSE-NEG
X480-5 Analog In
SHUNT-SENSE-POS

X480-6 Analog In
PASSIVE-SENSE-POS
X480-1 Analog In
PASSIVE-SENSE-NEG

X480-8 Power - Always On
V-NEG-HALF-PACK

X484-1 Analog Out
PYRO-LOOP-RETURN-ISOLATED
X484-2 Analog Out
PYRO-LOOP-OUT-ISOLATED



W08-A
 WH/RD | 0.35 | TWP | 821.0 | TS-0006673-D (H) |

W16-A
 WH | 0.35 | TWP | 821.0 | TS-0006673-D (H) |

W09-A
 WH/RD | 0.35 | TWP | 921.0 | TS-0006673-D (H) |

W17-A
 WH | 0.35 | TWP | 921.0 | TS-0006673-D (H) |

W22-A
 YE | 0.75 | WDIC | 1256.0 | TS-0006673-D (H) |

W27-A
 WH | 0.75 | WDIC | 1256.0 | TS-0006673-D (H) |

W42-A
 WH | 0.35 | WDIC | 1020.0 | TS-0006673-D (H) |

W41-A
 WH | 0.35 | WDIC | 1020.0 | TS-0006673-D (H) |

W23-A
 BU | 0.75 | WDIC | 931.0 | TS-0006673-D (H) |

W28-A
 WH | 0.75 | WDIC | 931.0 | TS-0006673-D (H) |

W39-A
 WH | 0.35 | WDIC | 775.0 | TS-0006673-D (H) |

W38-A
 WH | 0.35 | WDIC | 775.0 | TS-0006673-D (H) |

W36-A
 WH/RD | 0.35 | WDLIC | 465.0 | TS-0006673-D (H) |

W31-A
 WH/RD | 0.35 | WDLIC | 465.0 | TS-0006673-D (H) |

W34-A
 WH/RD | 0.35 | WDLIC | 465.0 | TS-0006673-D (H) |

W33-A
 WH/RD | 0.35 | WDLIC | 465.0 | TS-0006673-D (H) |

W32-A
 WH/RD | 0.35 | WDLIC | 465.0 | TS-0006673-D (H) |

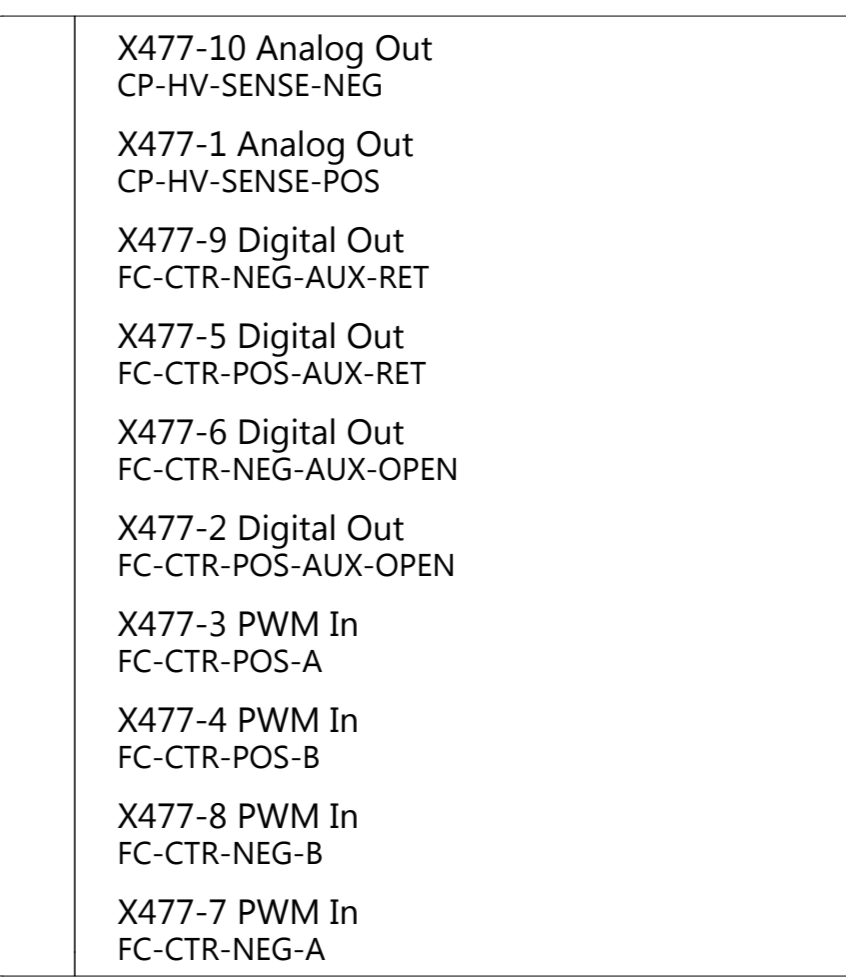
W35-A
 WH/RD | 0.35 | WDLIC | 465.0 | TS-0006673-D (H) |

W30-A
 WH/RD | 0.35 | WDLIC | 465.0 | TS-0006673-D (H) |

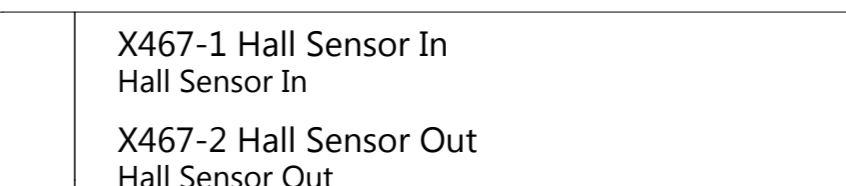
W47-A
 BN | 0.35 | WCLC | 425.0 | TS-0006673-D (H) |

W48-A
 WH | 0.35 | WCLC | 425.0 | TS-0006673-D (H) |

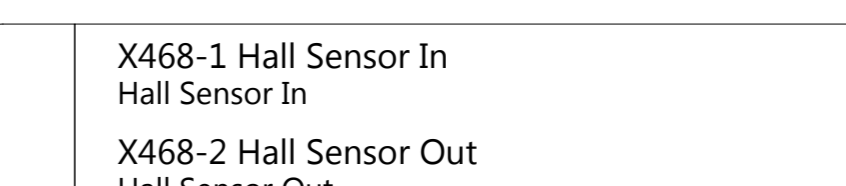
FAS-CHR-CONTACT-P1
H



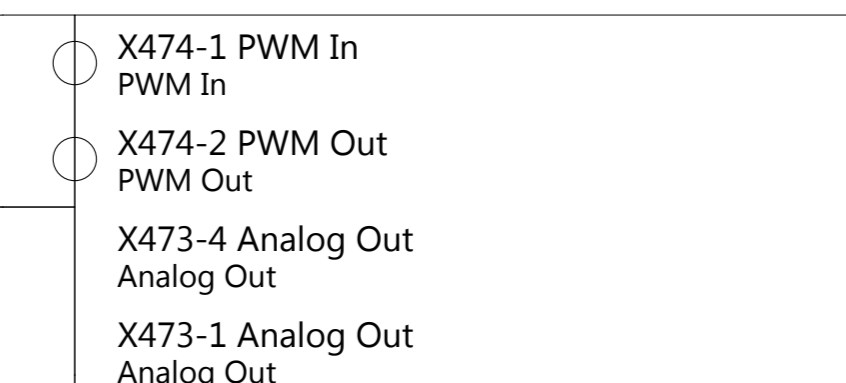
COOLANT-V1
H



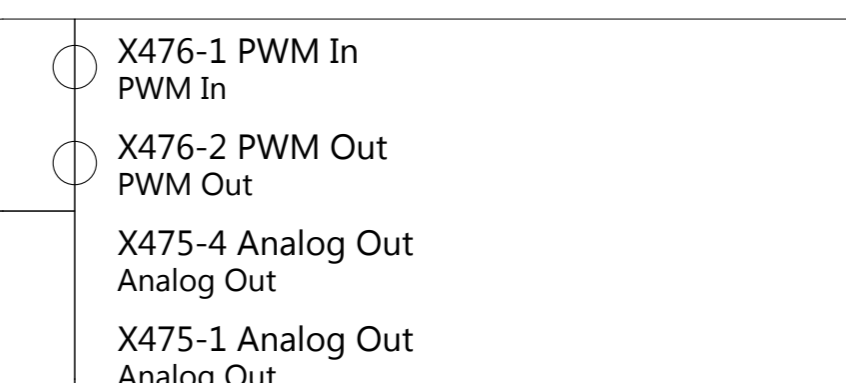
COOLANT-V2
H



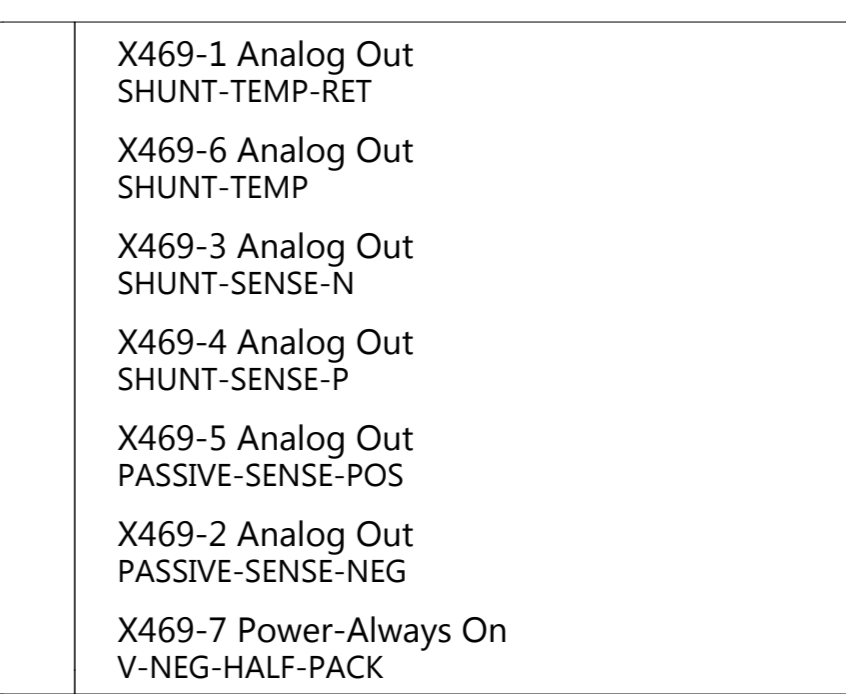
POS-SWITCH
H



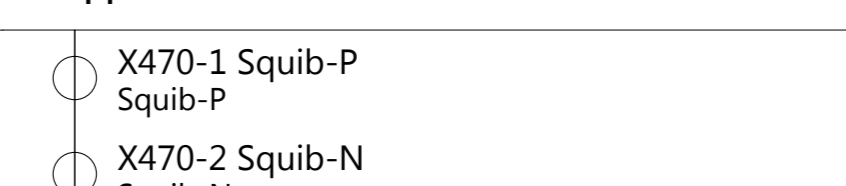
NEG-SWITCH
H



SHUNT-P1
H



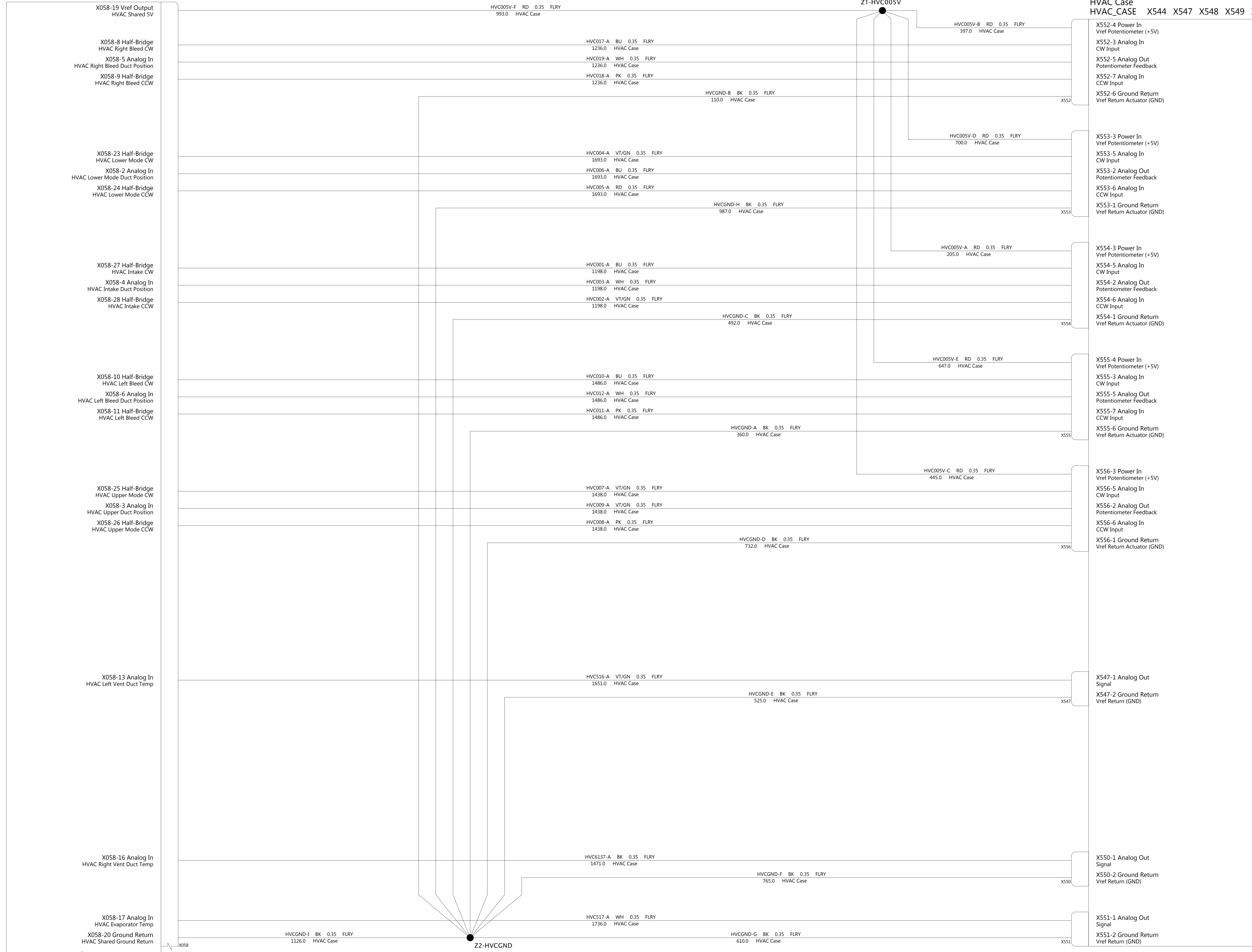
PYRO-DISC-P1
H



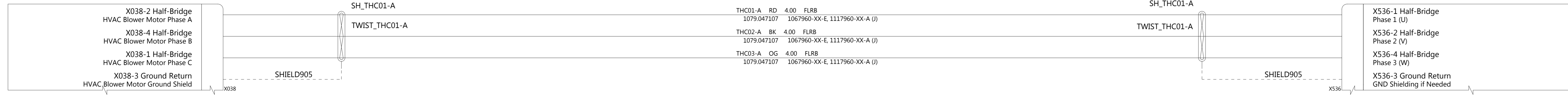
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME HV Penthouse		
PART NUMBER	REV	SHEET
	2	26 OF 45
		SCALE A0

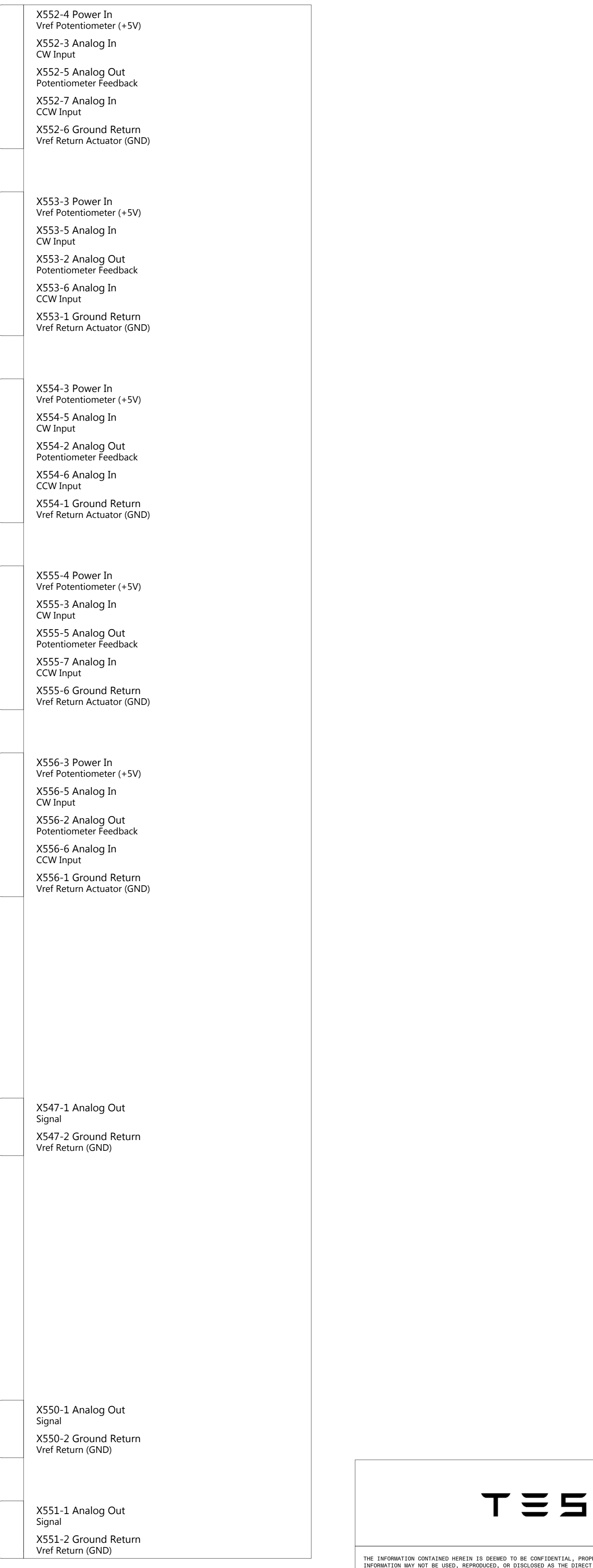
Body Controller Right
B,P,J,W X050 X051 X052 X053 X054 X055 X056 X057 X058



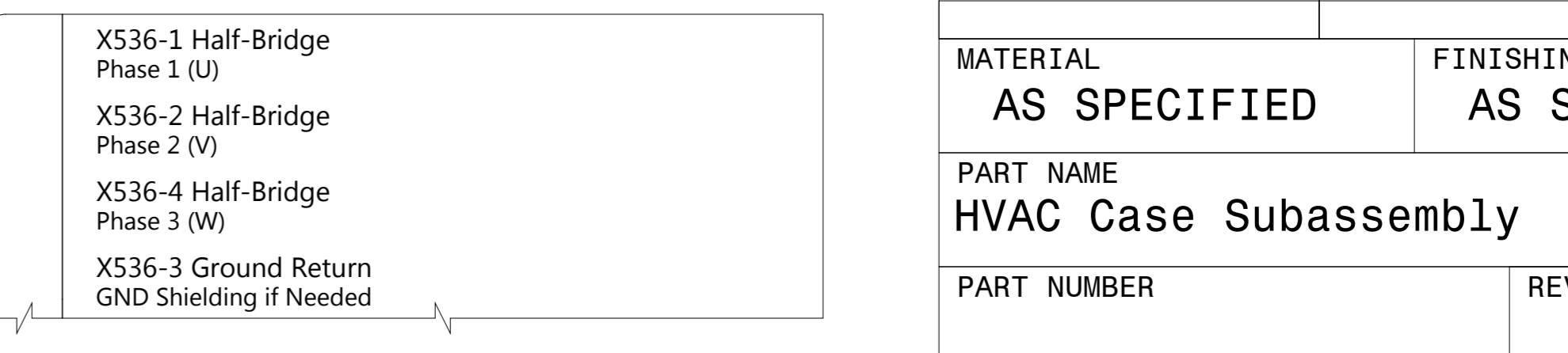
Body Controller Left
A,D,J,W X030 X031 X032 X033 X034 X035 X036 X037 X038



HVAC Case
HVAC_CASE X544 X547 X548 X549 X550 X551 X552 X553 X554 X555 X556



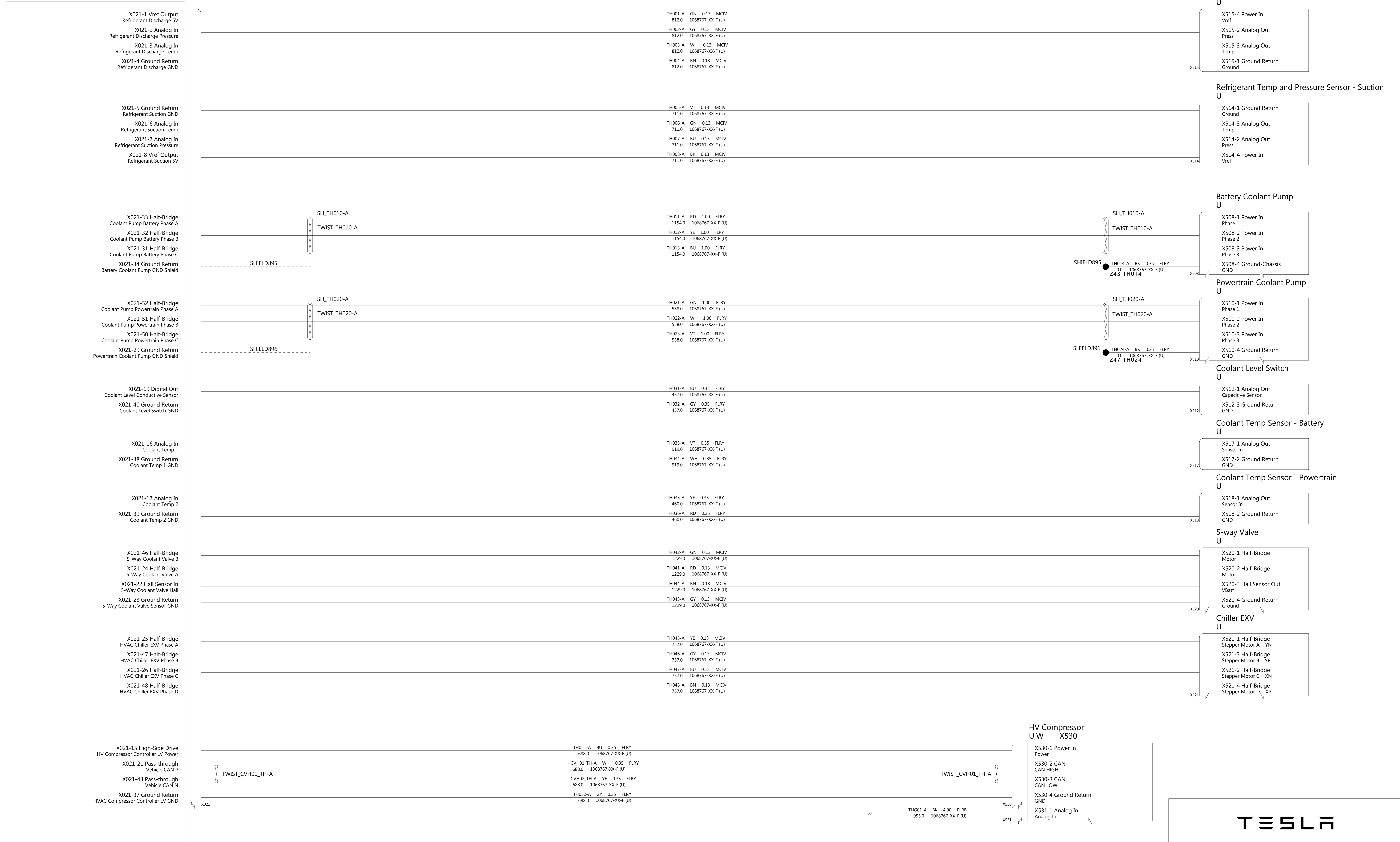
Blower Motor
J



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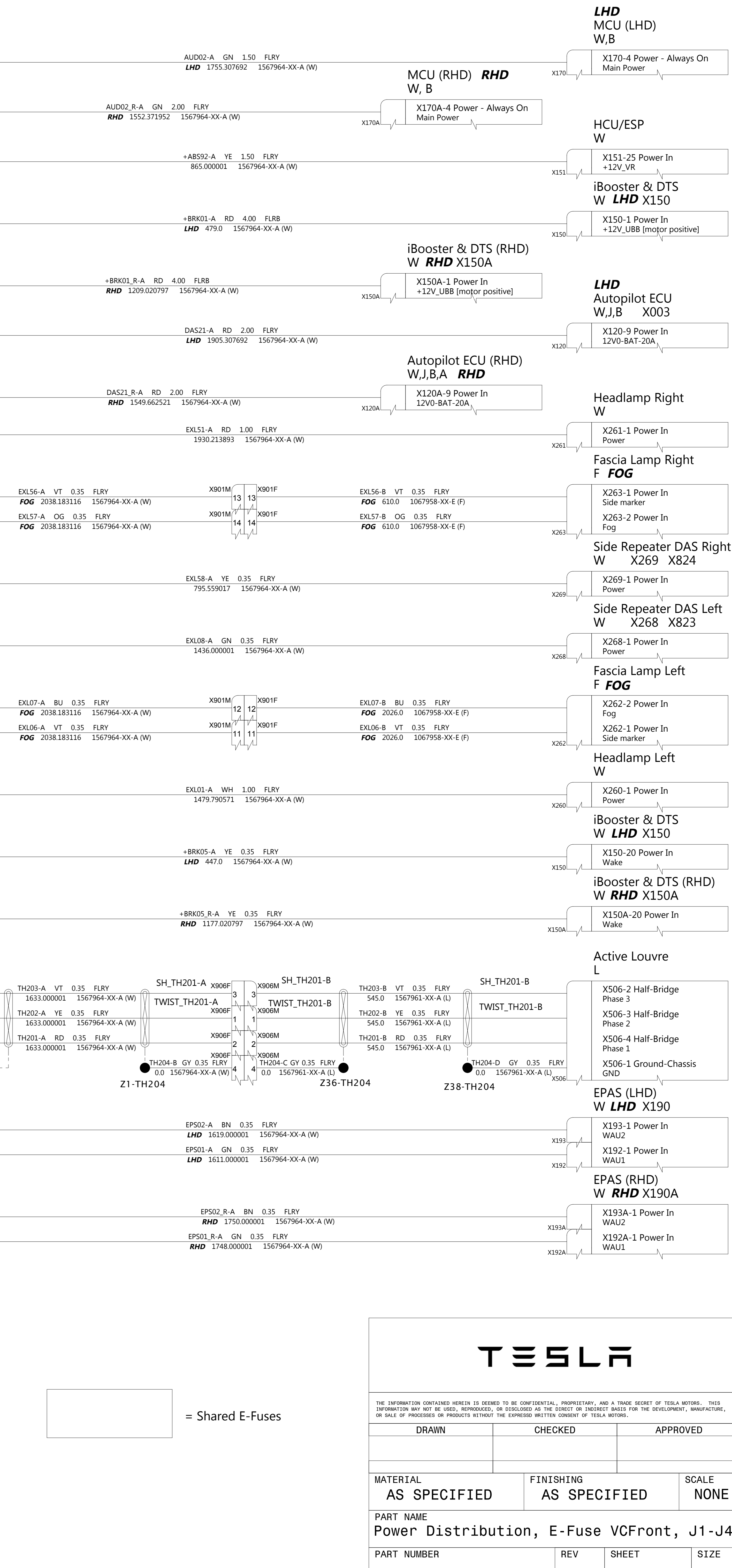
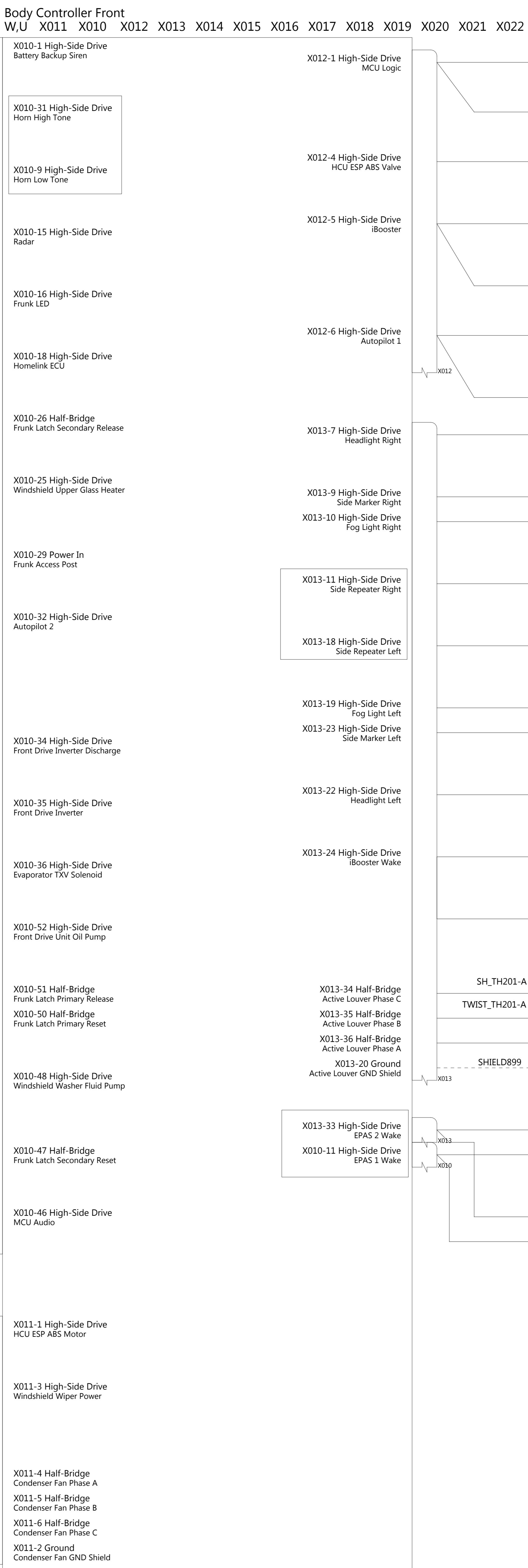
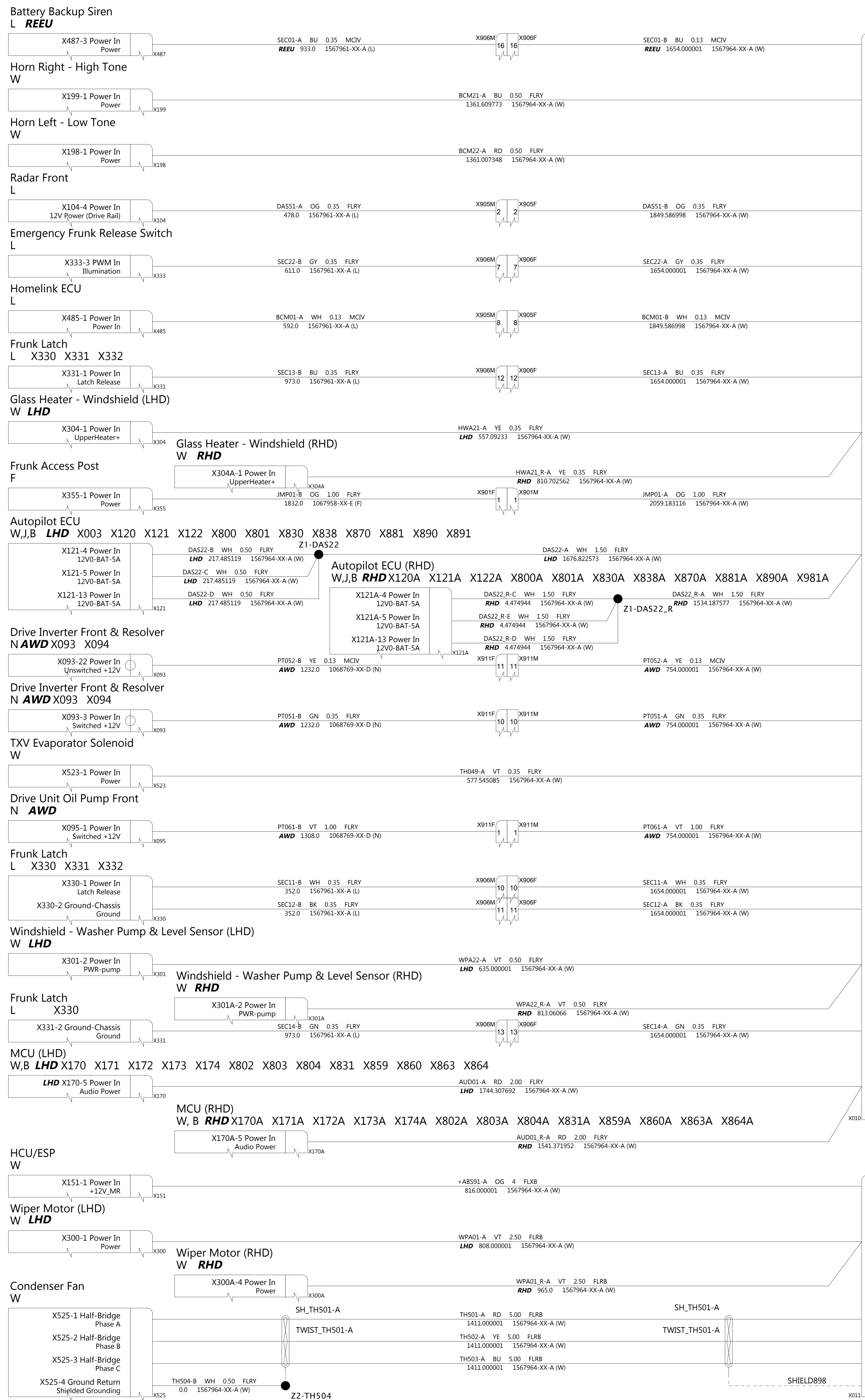
DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME HVAC Case Subassembly		
PART NUMBER	REV	SHEET
	2	27 OF 45
		SIZE A0

Body Controller Front
W,U X010 X011 X012 X013 X014 X015 X016 X017 X018 X019 X020 X021 X022



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME HVAC Thermal Subassembly		
PART NUMBER	REV	SHEET
	2	28 OF 45
		SIZE A0

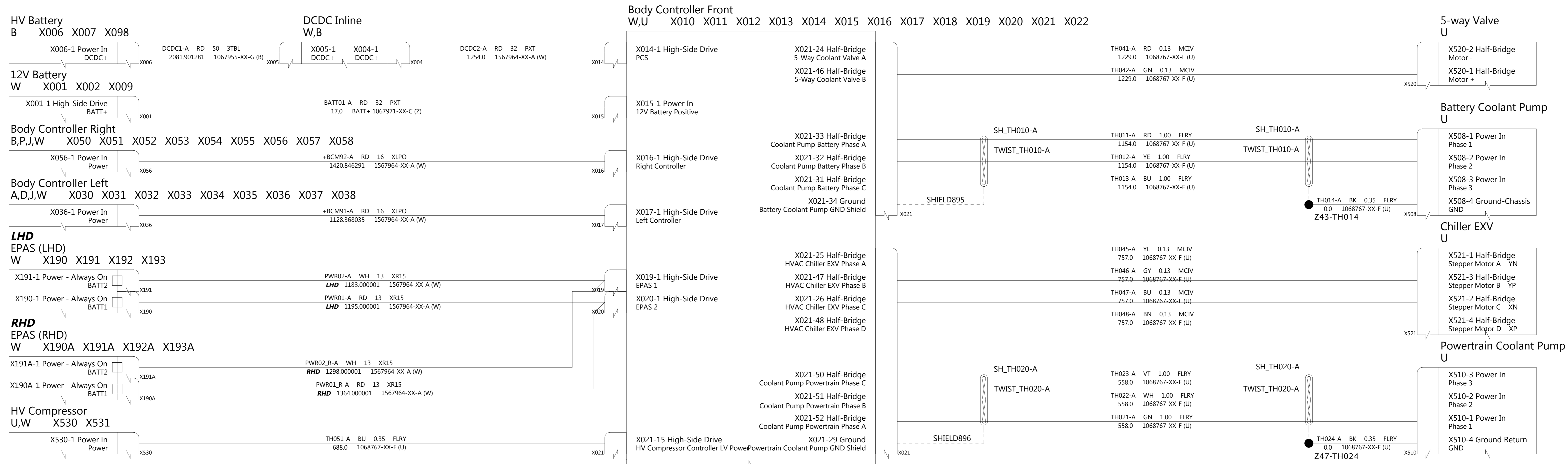


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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Power Distribution, E-Fuse VCFront, J1-J4		
PART NUMBER	REV	SHEET
	2	29 OF 45
		SIZE A0

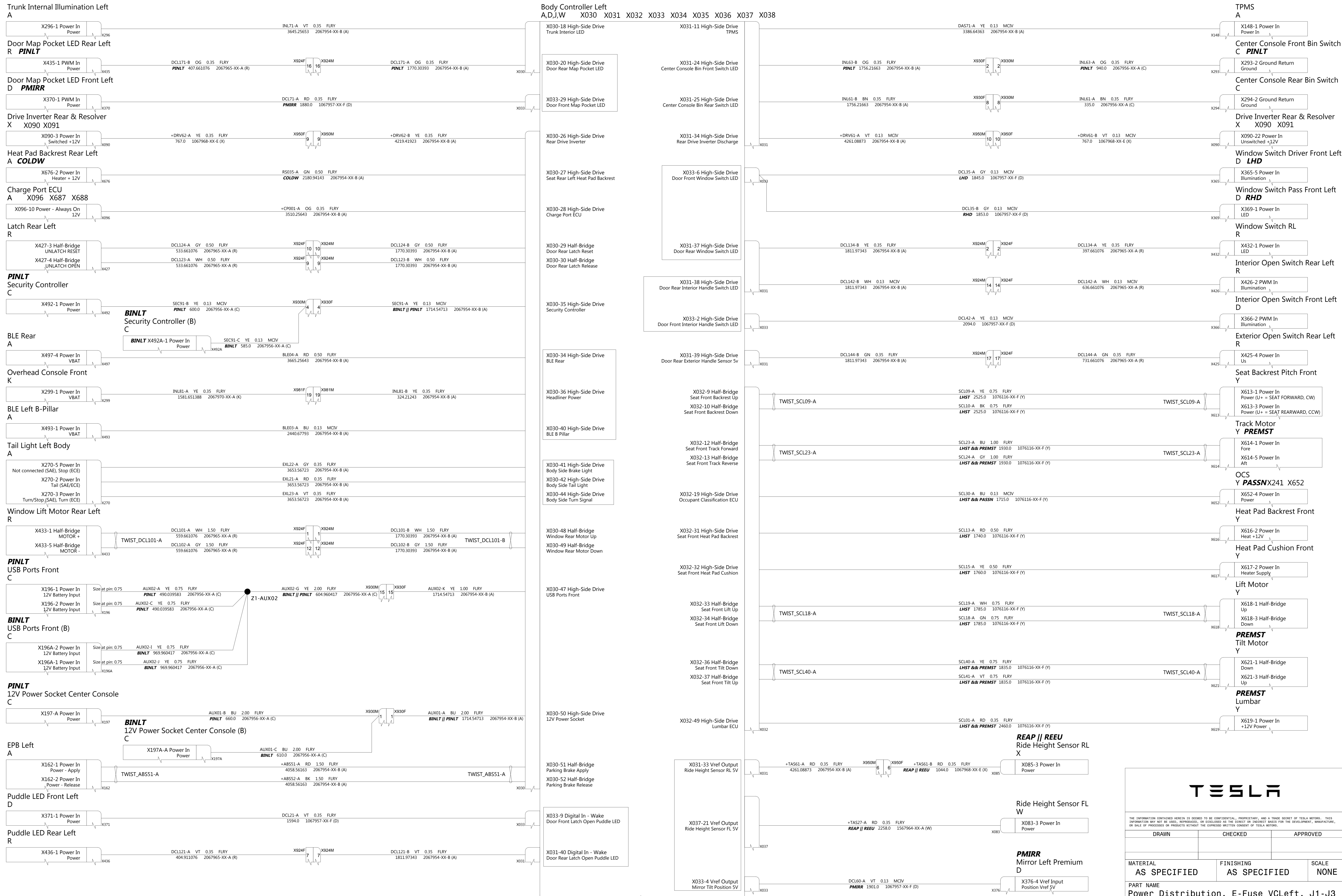
= Shared E-Fuses



TESLA

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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Power Distribution, E-Fuse VC Front, J5-J12		
PART NUMBER	REV	SHEET
	2	30 OF 45
		SIZE A0



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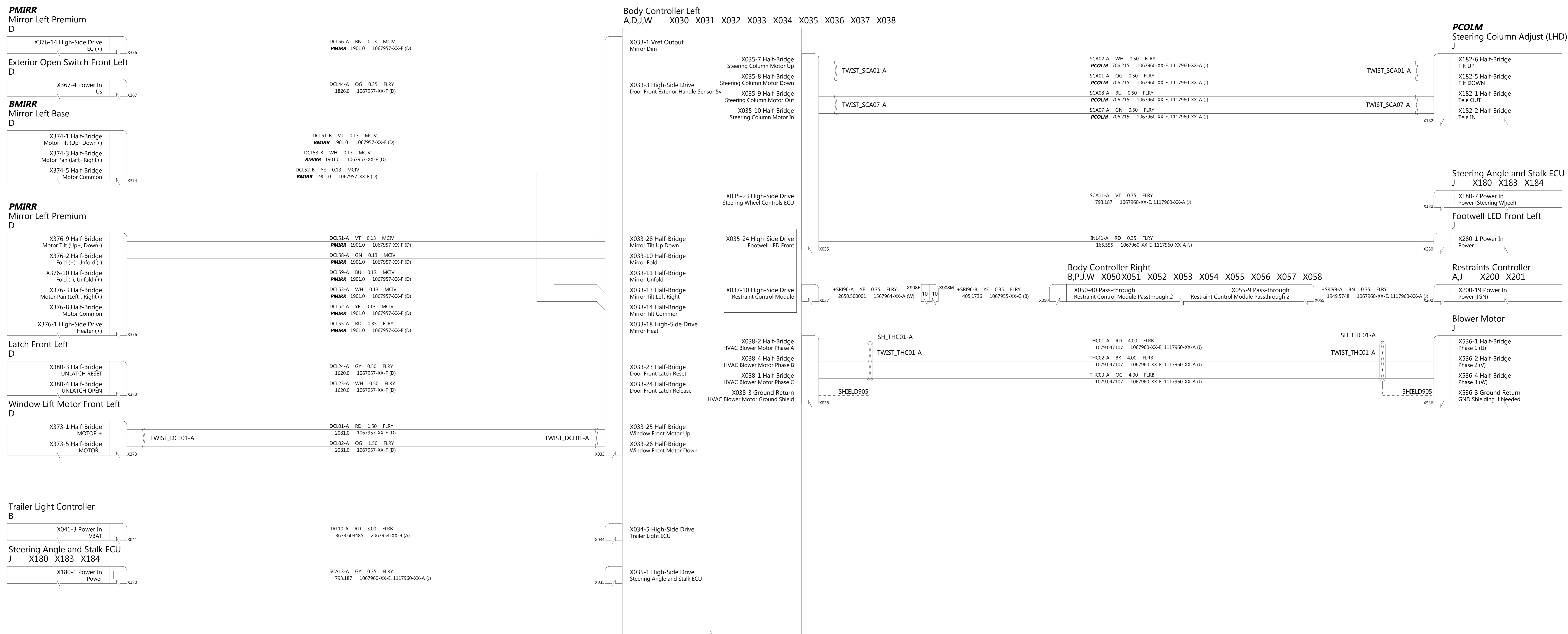
DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE

PART NAME
Power Distribution, E-Fuse VLeft, J1-J3

PART NUMBER	REV	SHEET	SIZE
	2	31 OF 45	A0

= Shared E-Fuses



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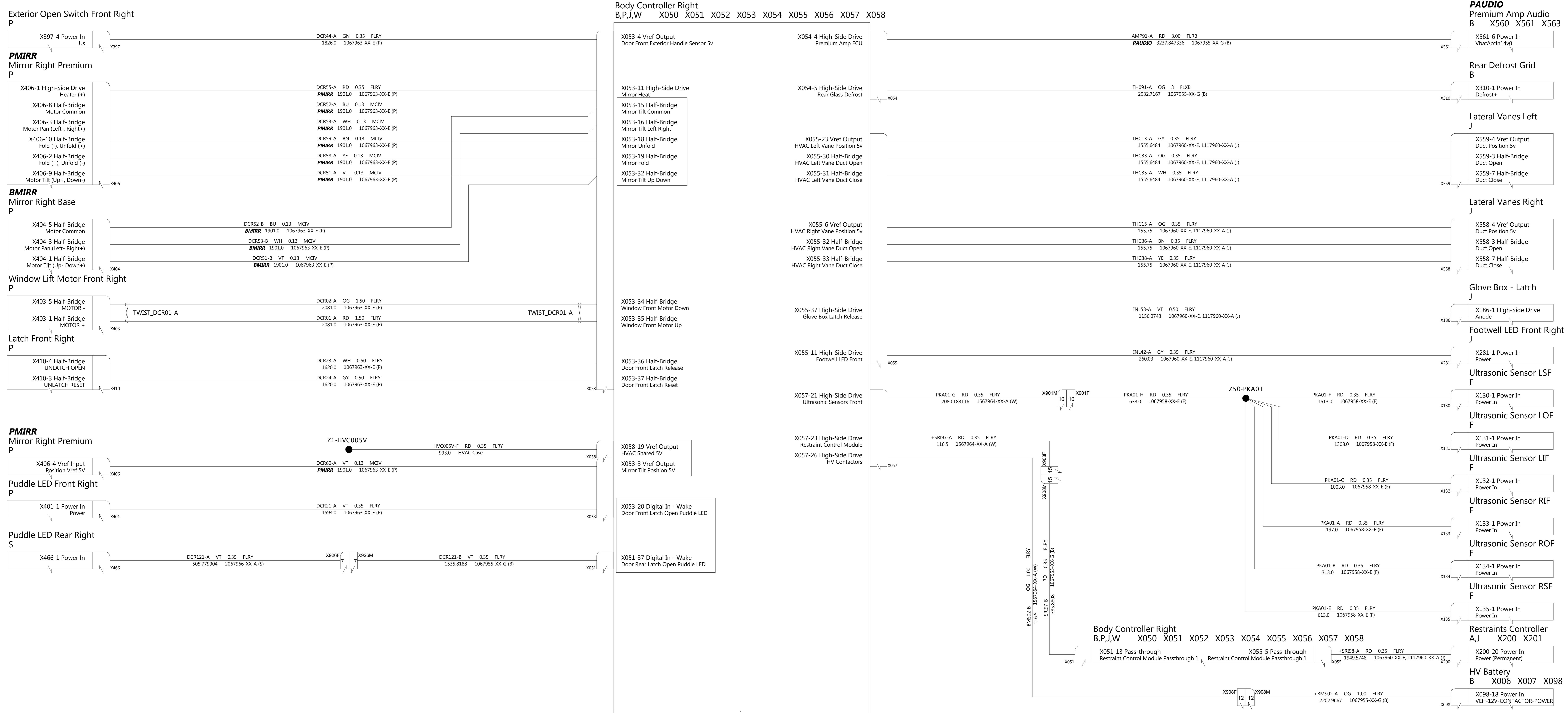
DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Power Distribution, E-Fuse VLeft, J4-J9		
PART NUMBER	REV	SHEET
	2	32 OF 45
		SIZE A0



TESLA

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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Power Distribution, E-Fuse VCRight J1-J3		
PART NUMBER	REV	SHEET
	2	33 OF 45
		A0

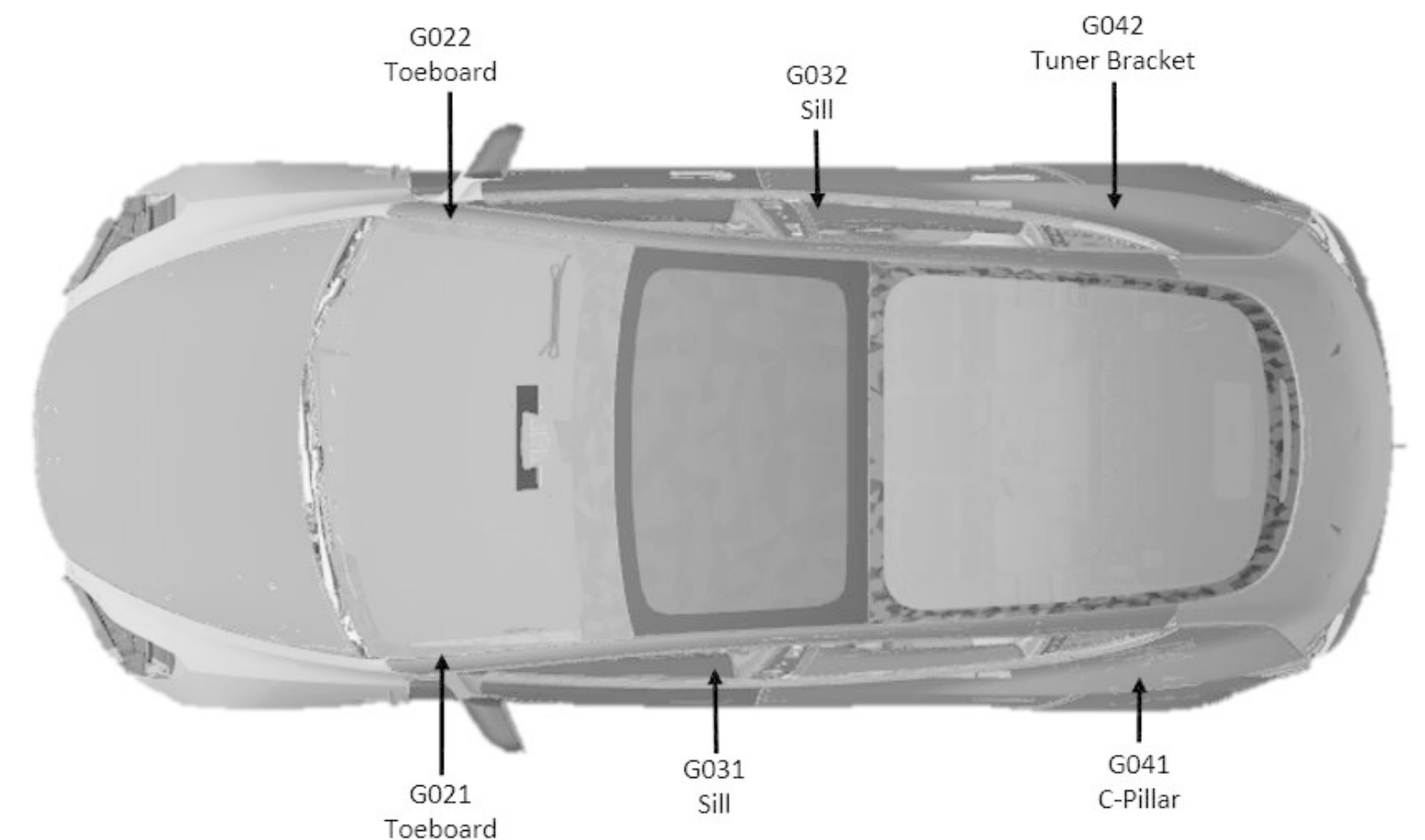
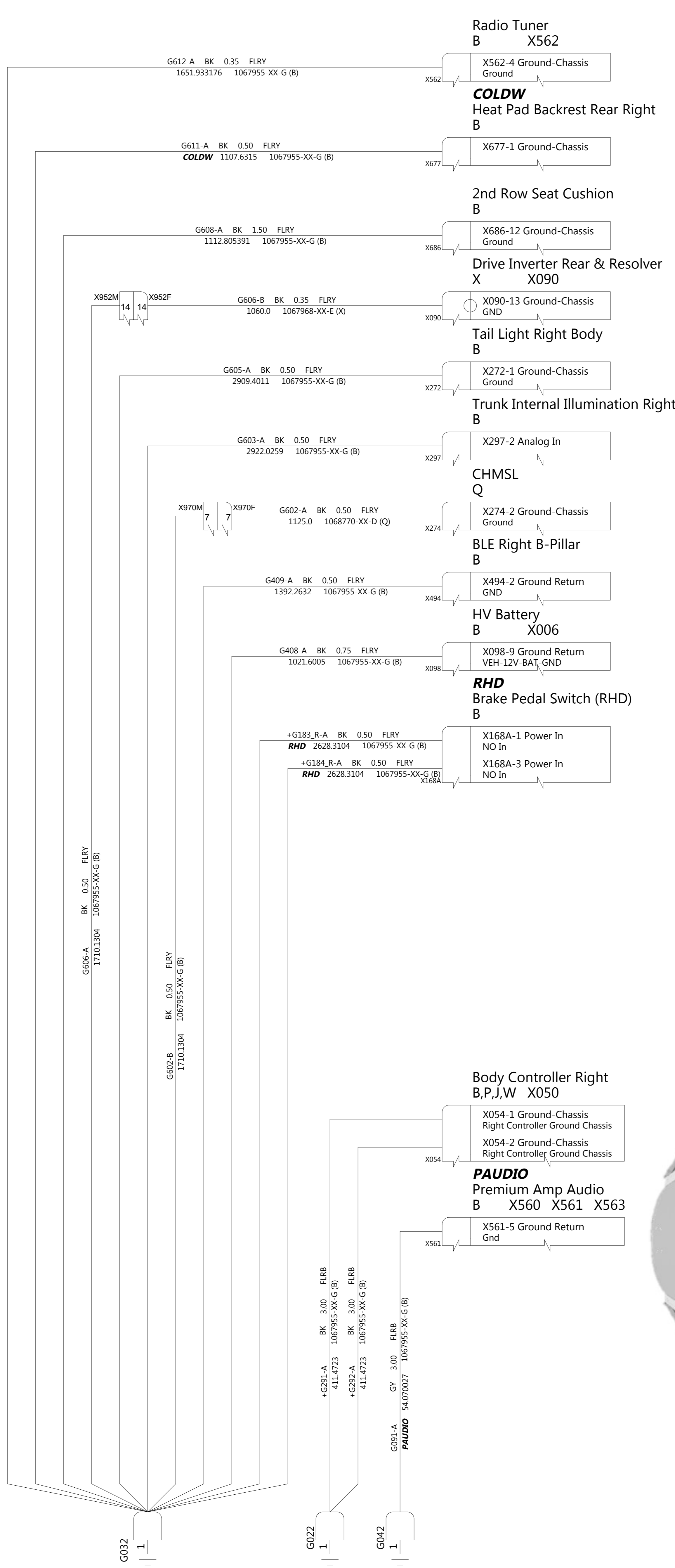
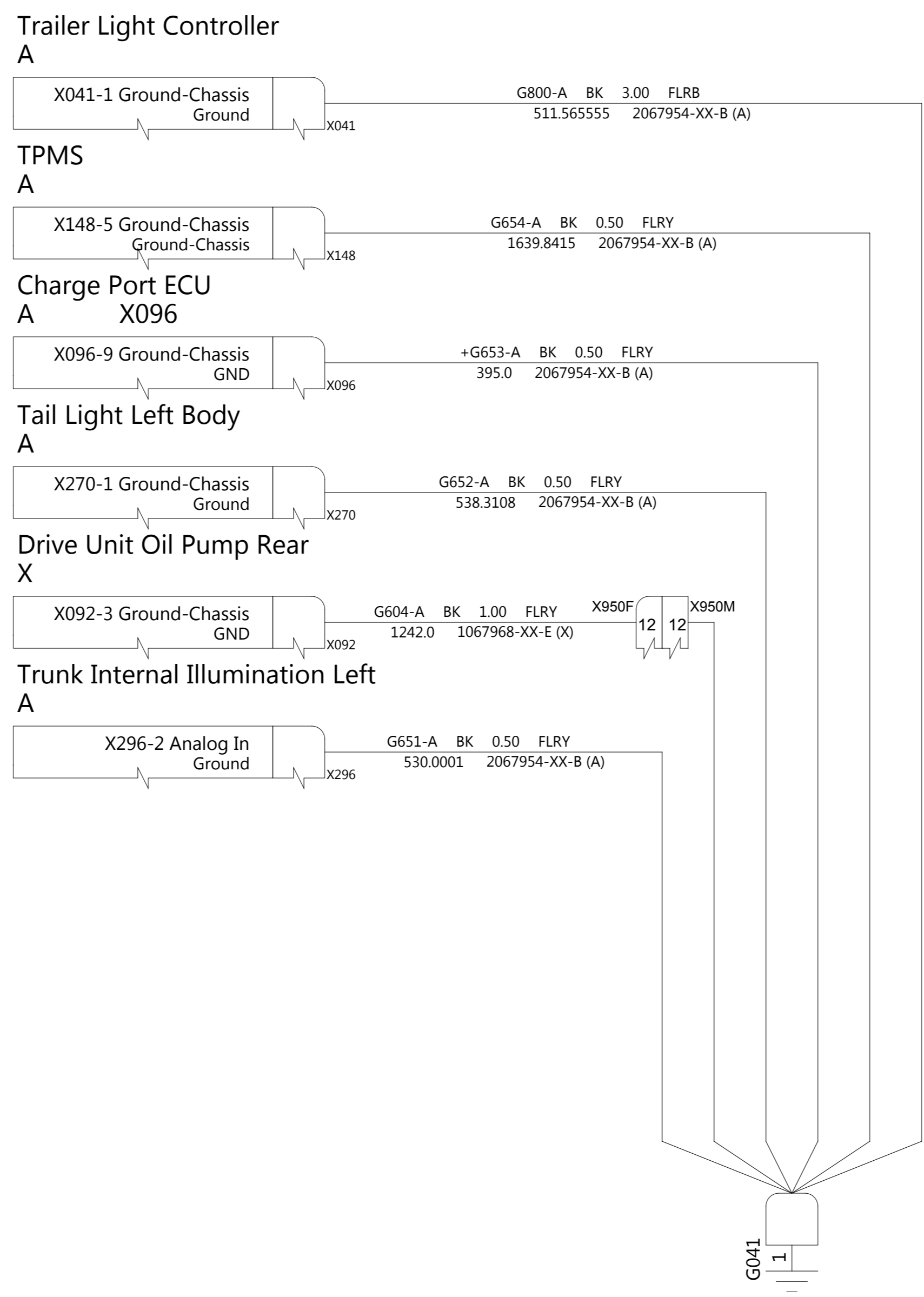
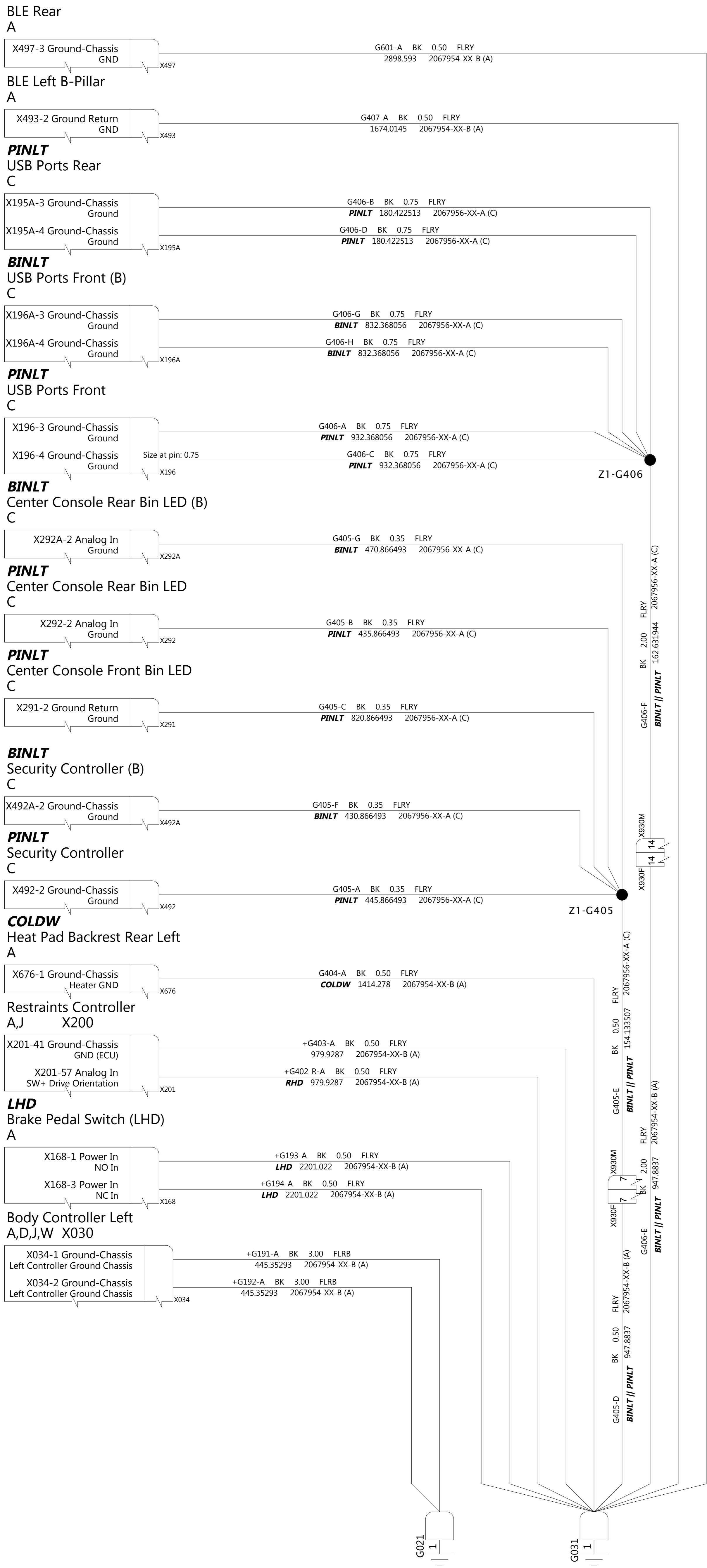


= Shared E-Fuses



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DRAWN				CHECKED				APPROVED			
MATERIAL AS SPECIFIED				FINISHING AS SPECIFIED				SCALE NONE			
PART NAME Power Distribution, E-Fuse VCRight J4-J9											
PART NUMBER			REV			SHEET			SIZE		
			2			34 OF 45			A0		



TESLA

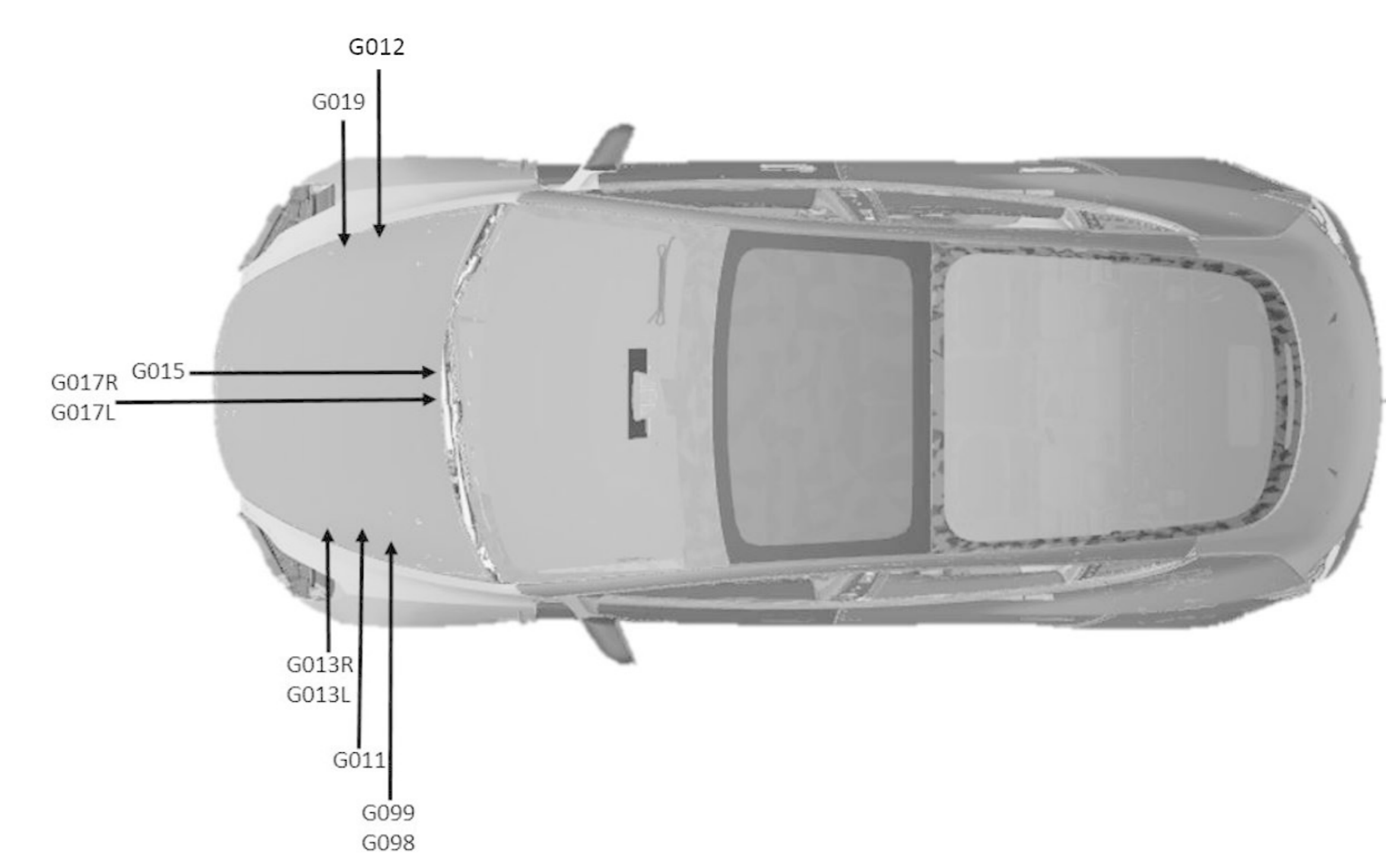
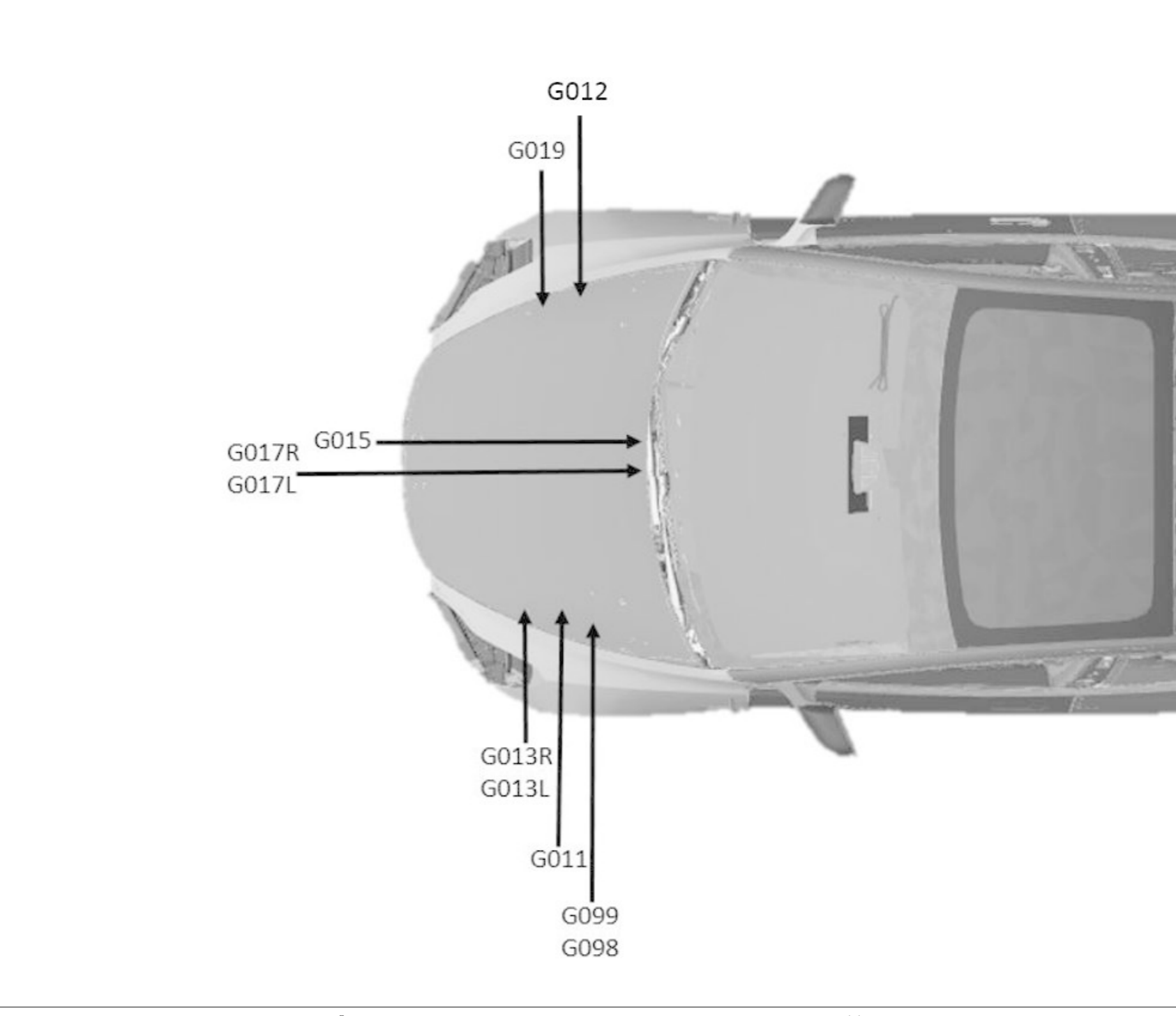
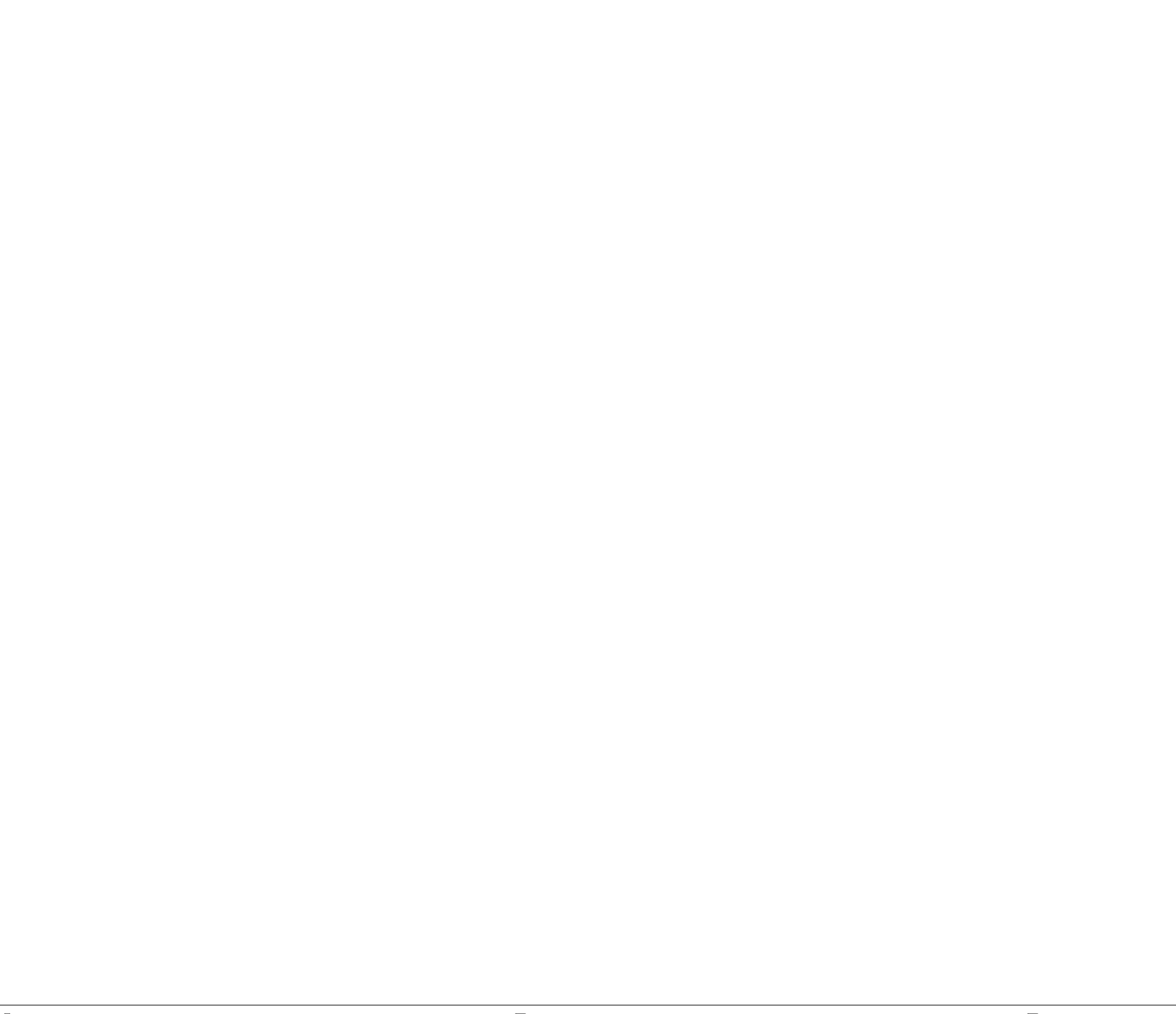
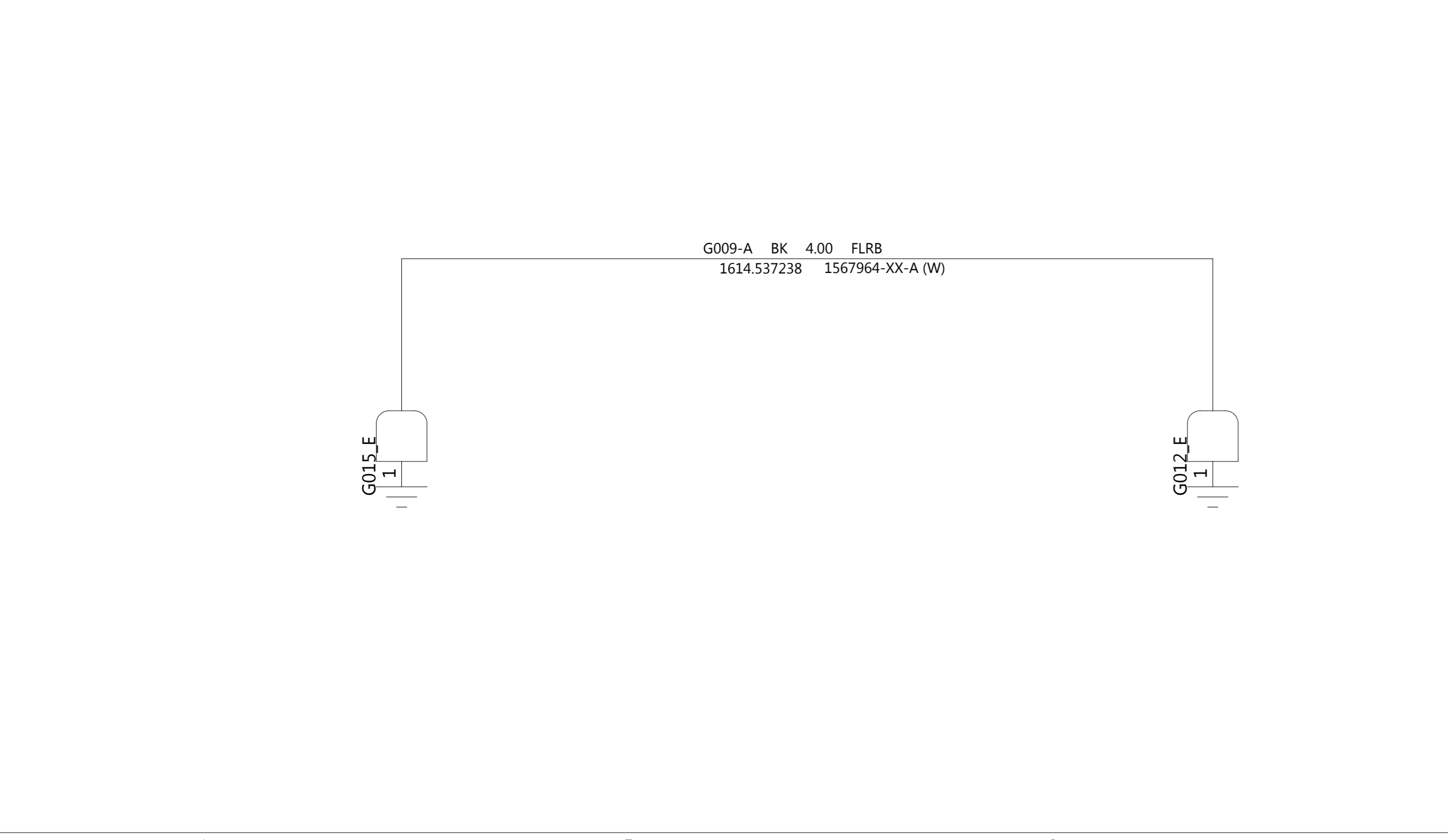
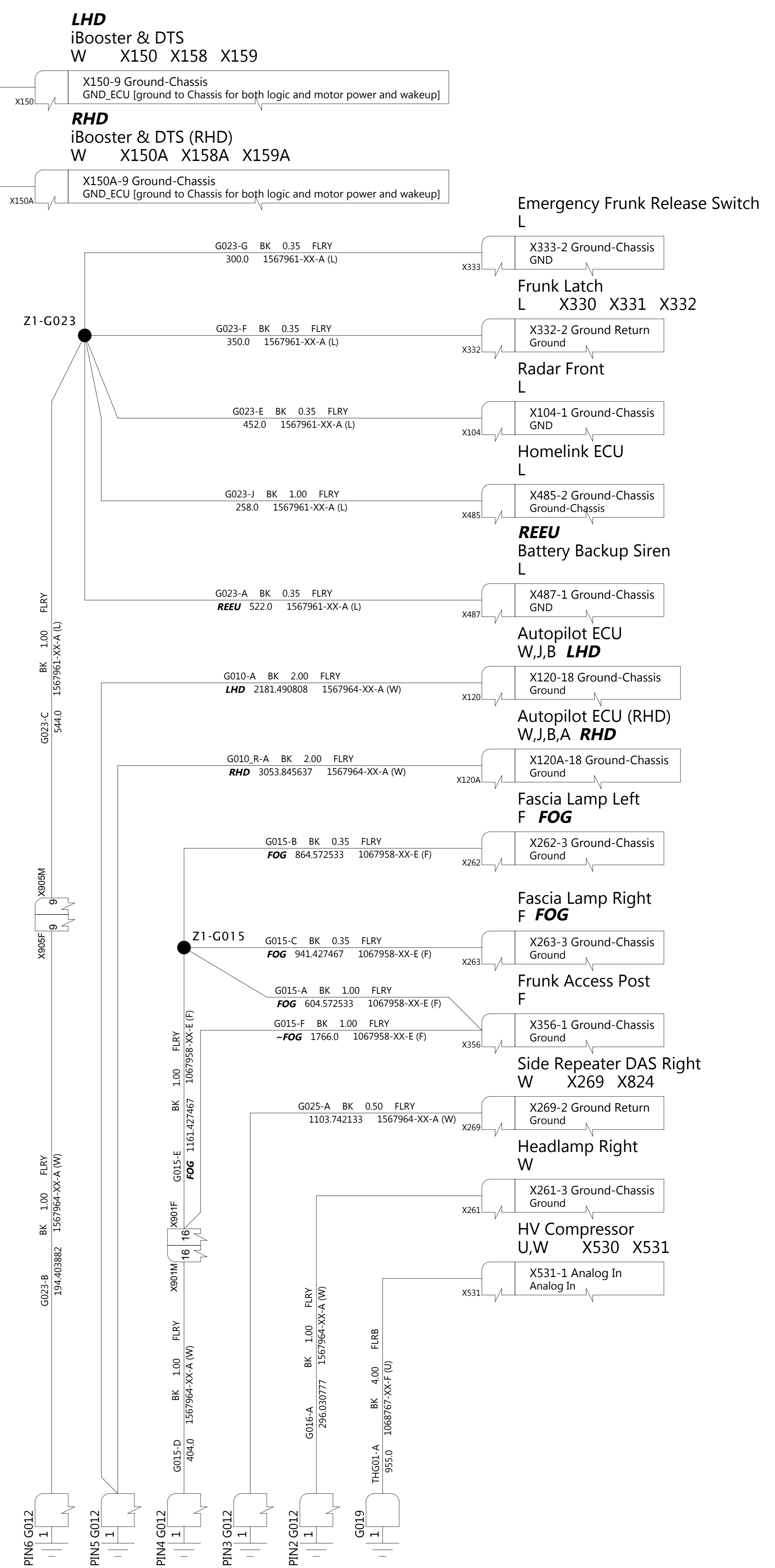
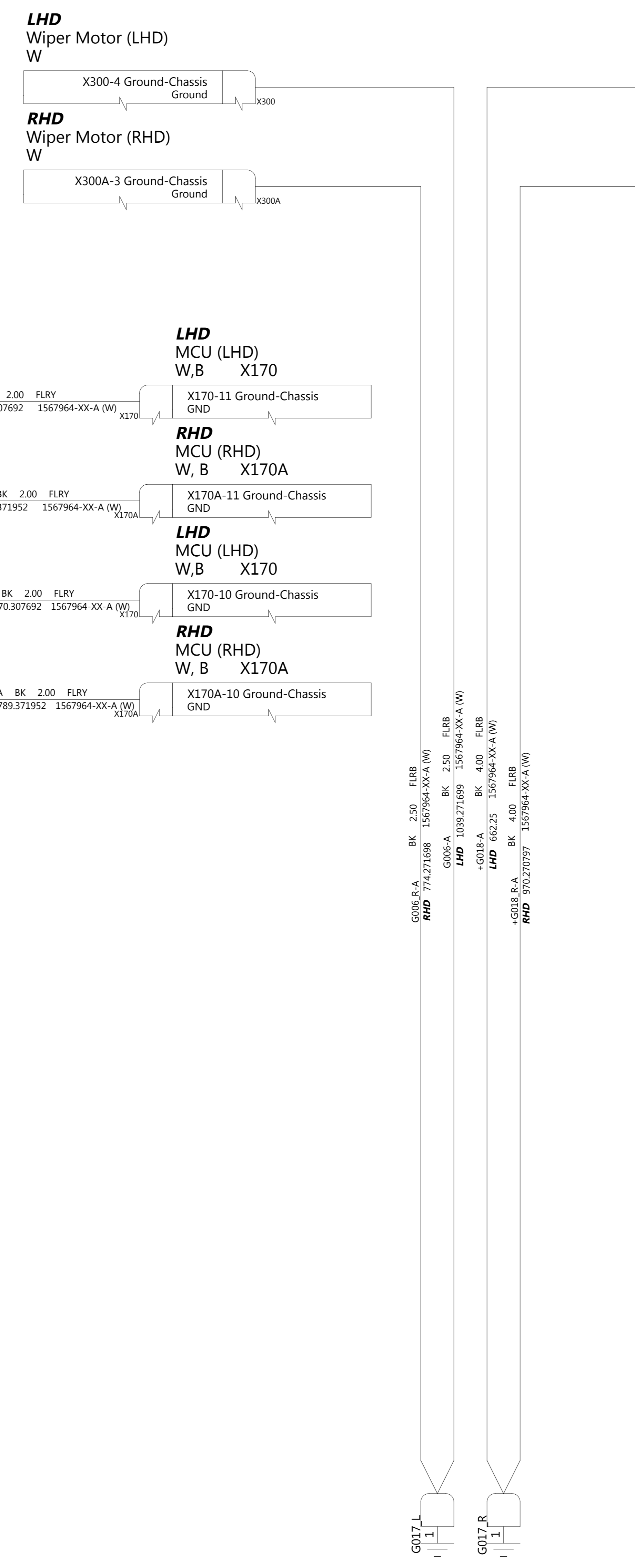
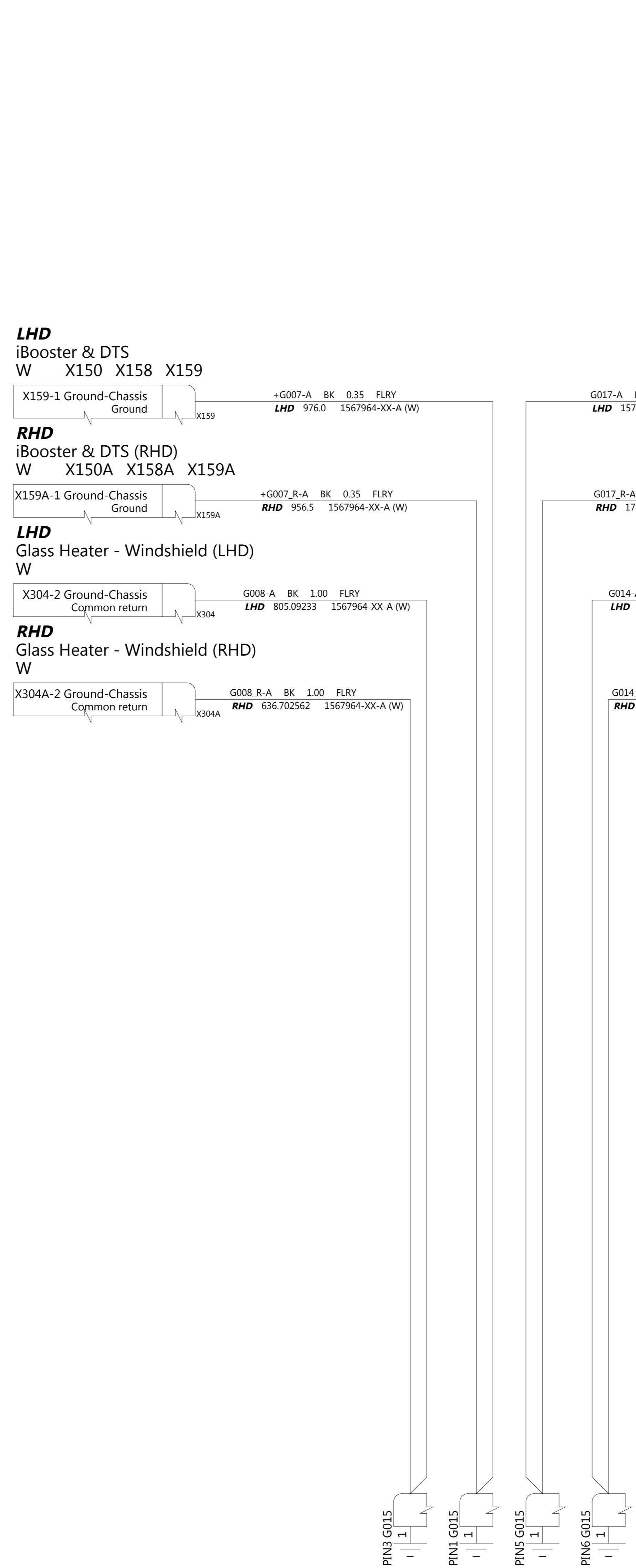
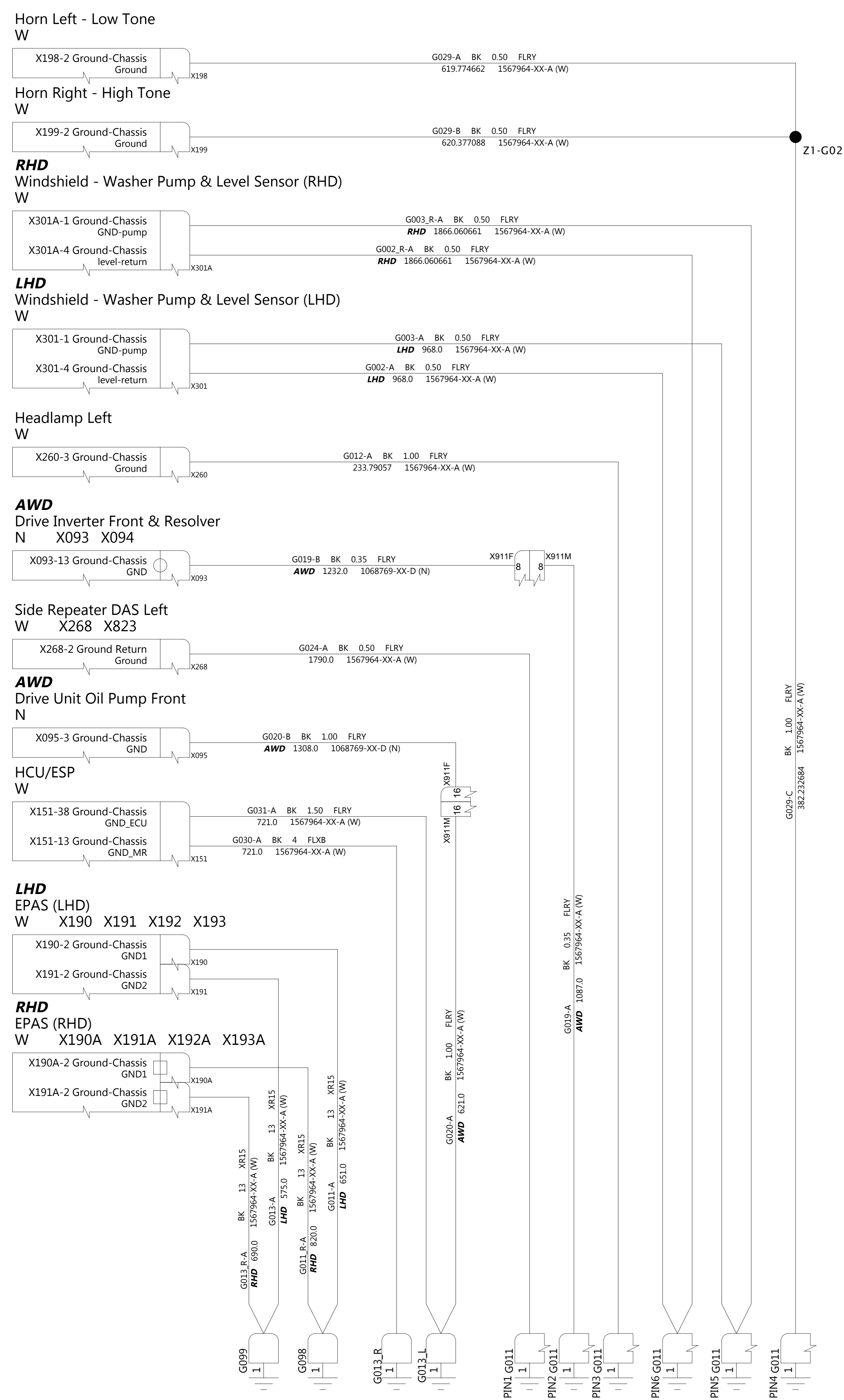
THE INFORMATION CONTAINED HEREIN IS DEEMED TO BE CONFIDENTIAL, PROPRIETARY, AND A TRADE SECRET OF TESLA MOTORS. THIS INFORMATION MAY NOT BE USED, REPRODUCED, OR DISCLOSED AS THE DIRECT OR INDIRECT BASIS FOR THE DEVELOPMENT, MANUFACTURE, OR SALE OF PROCESSES OR PRODUCTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF TESLA MOTORS.

DRAWN	CHECKED	APPROVED
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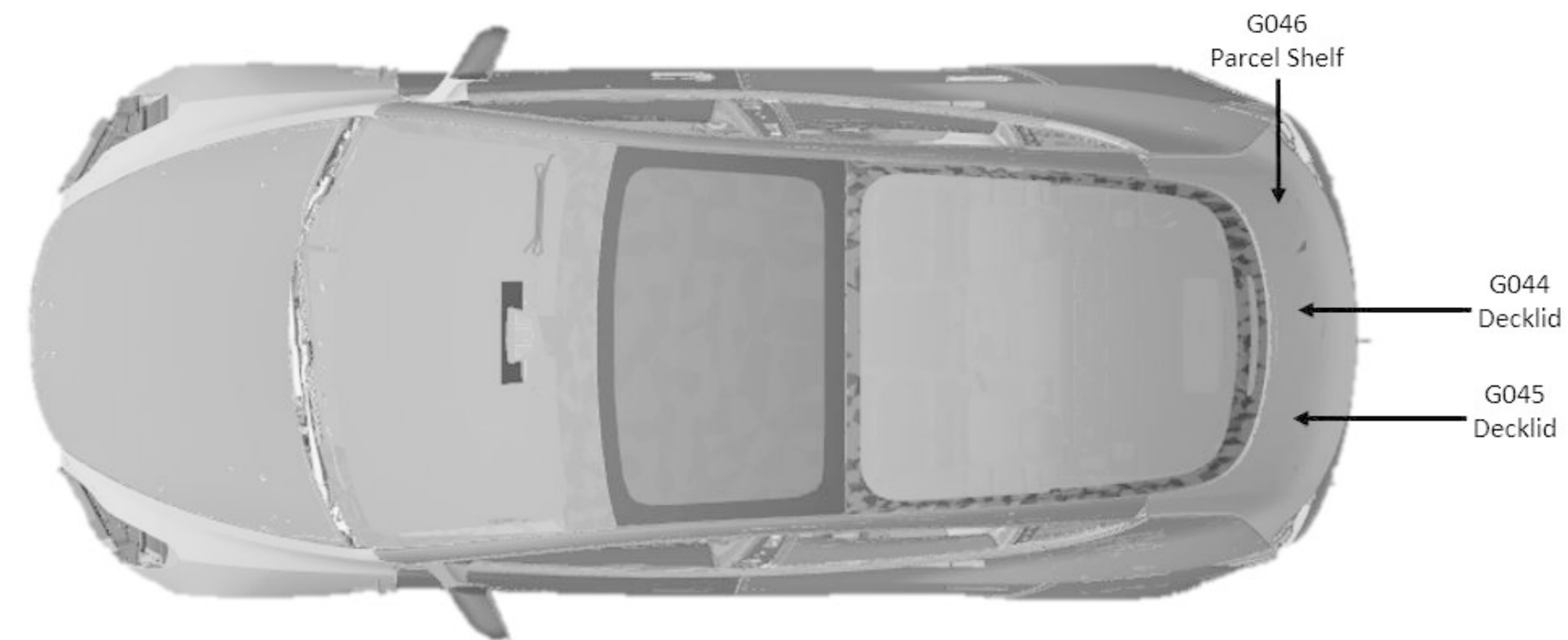
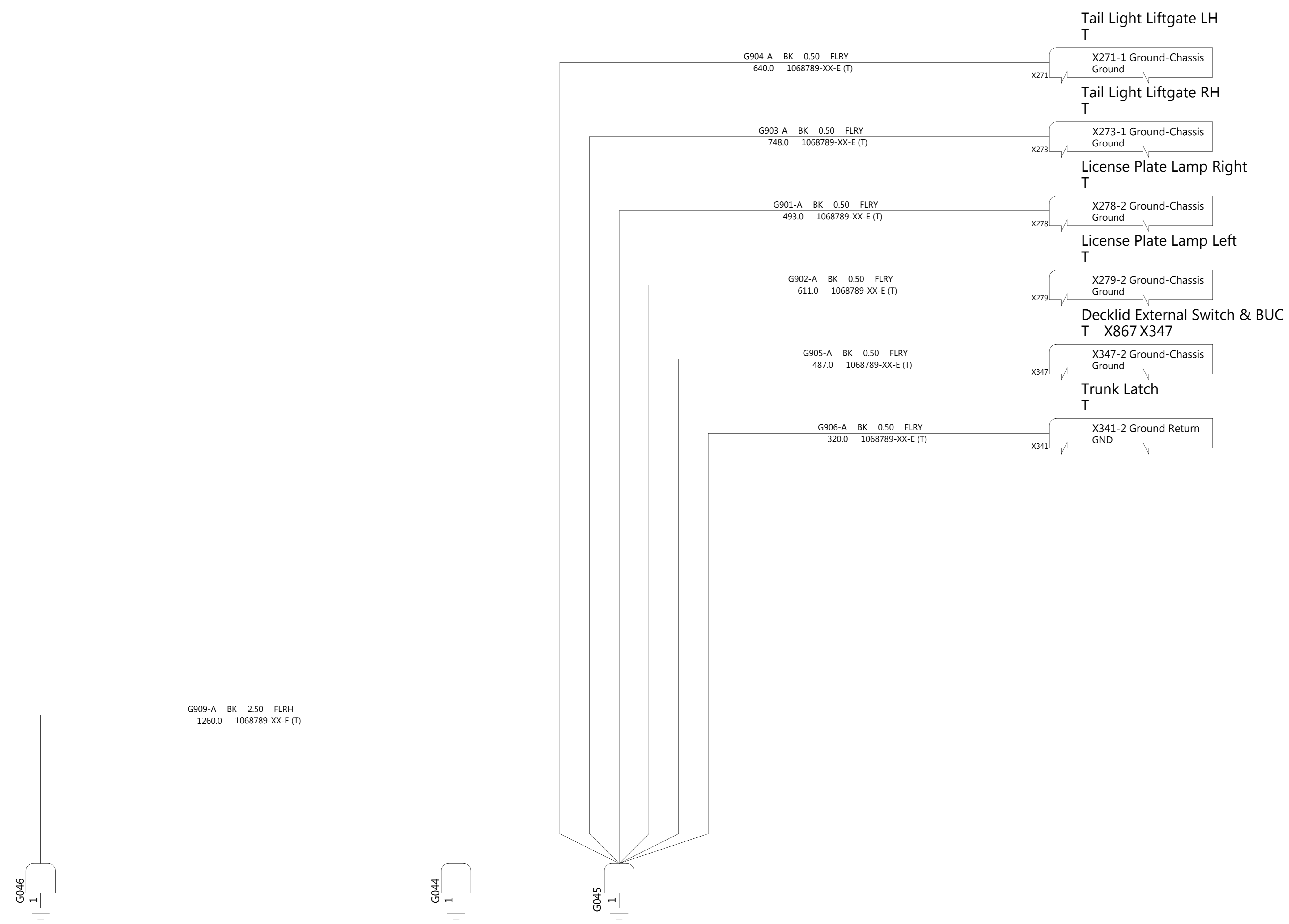
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
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PART NAME
Power Distribution, Grounding A,B,C Pillars

PART NUMBER	REV	SHEET	SIZE
	2	35 OF 45	A0



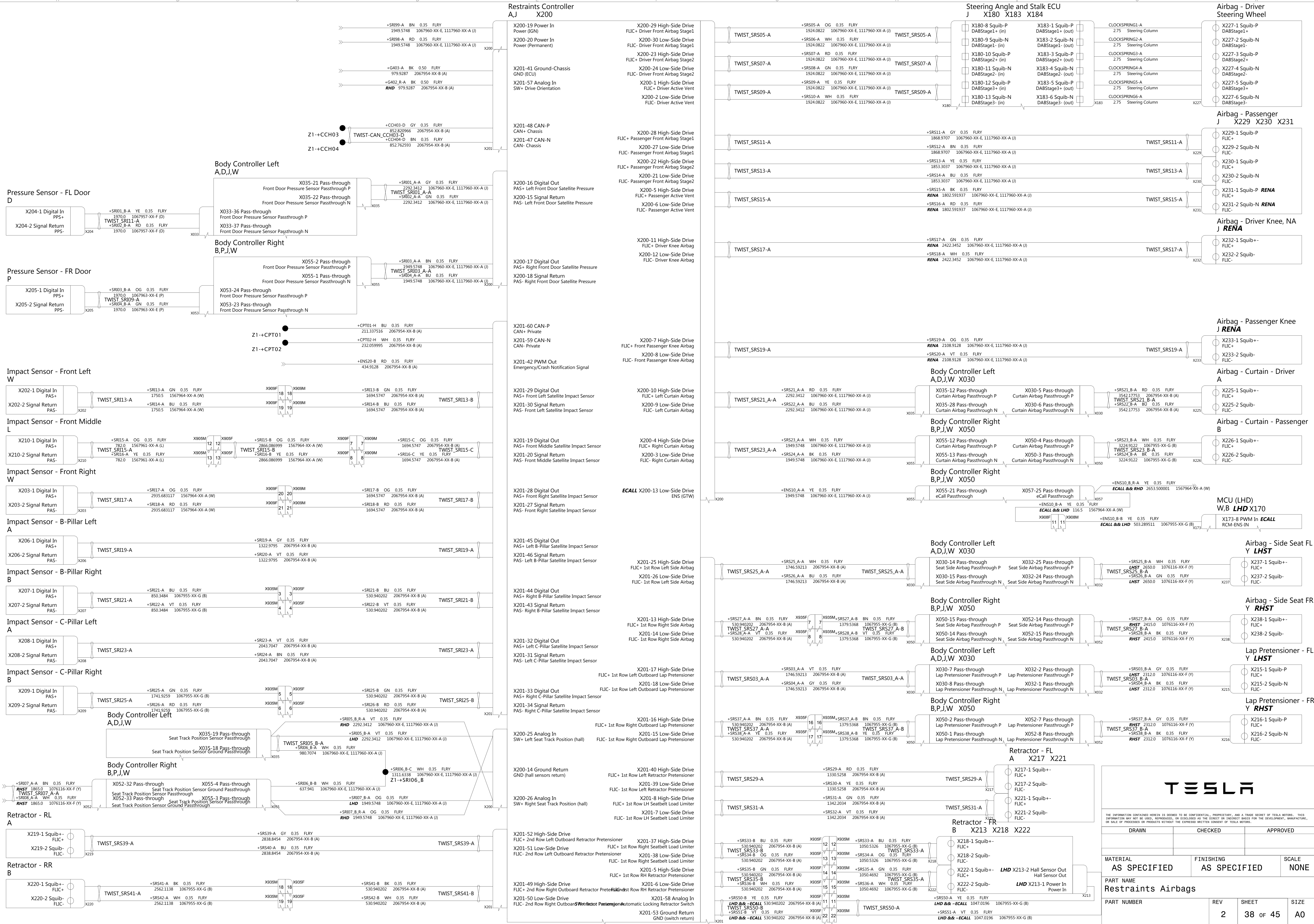
TESLA			
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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED	SCALE NONE
PART NAME Power Distribution, Grounding Frunk			
PART NUMBER	REV	SHEET	SIZE
	2	36 OF 45	A0



TESLA

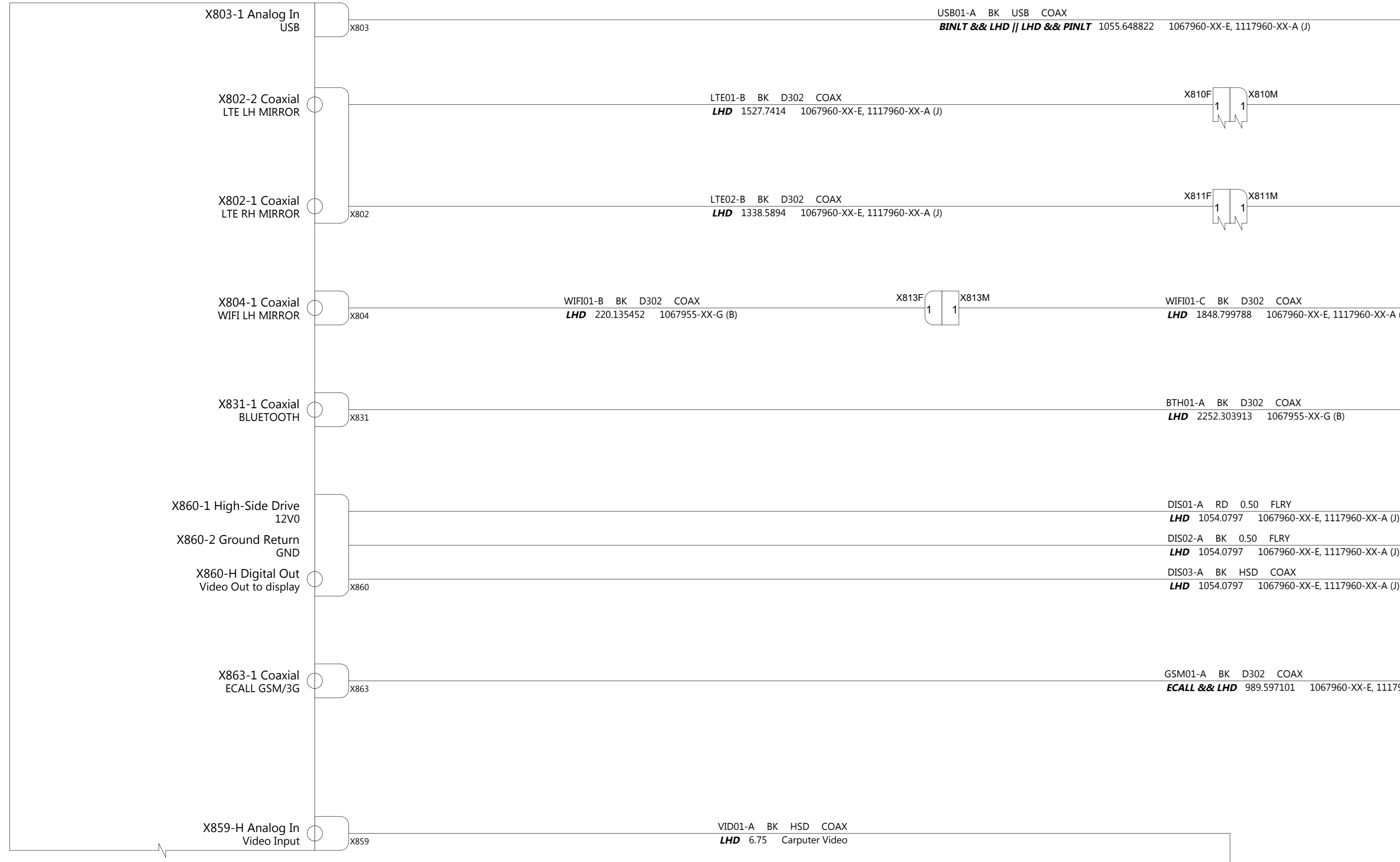
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Power Distribution, Grounding Trunk		
PART NUMBER	REV	SHEET
	2	37 OF 45
		SIZE A0

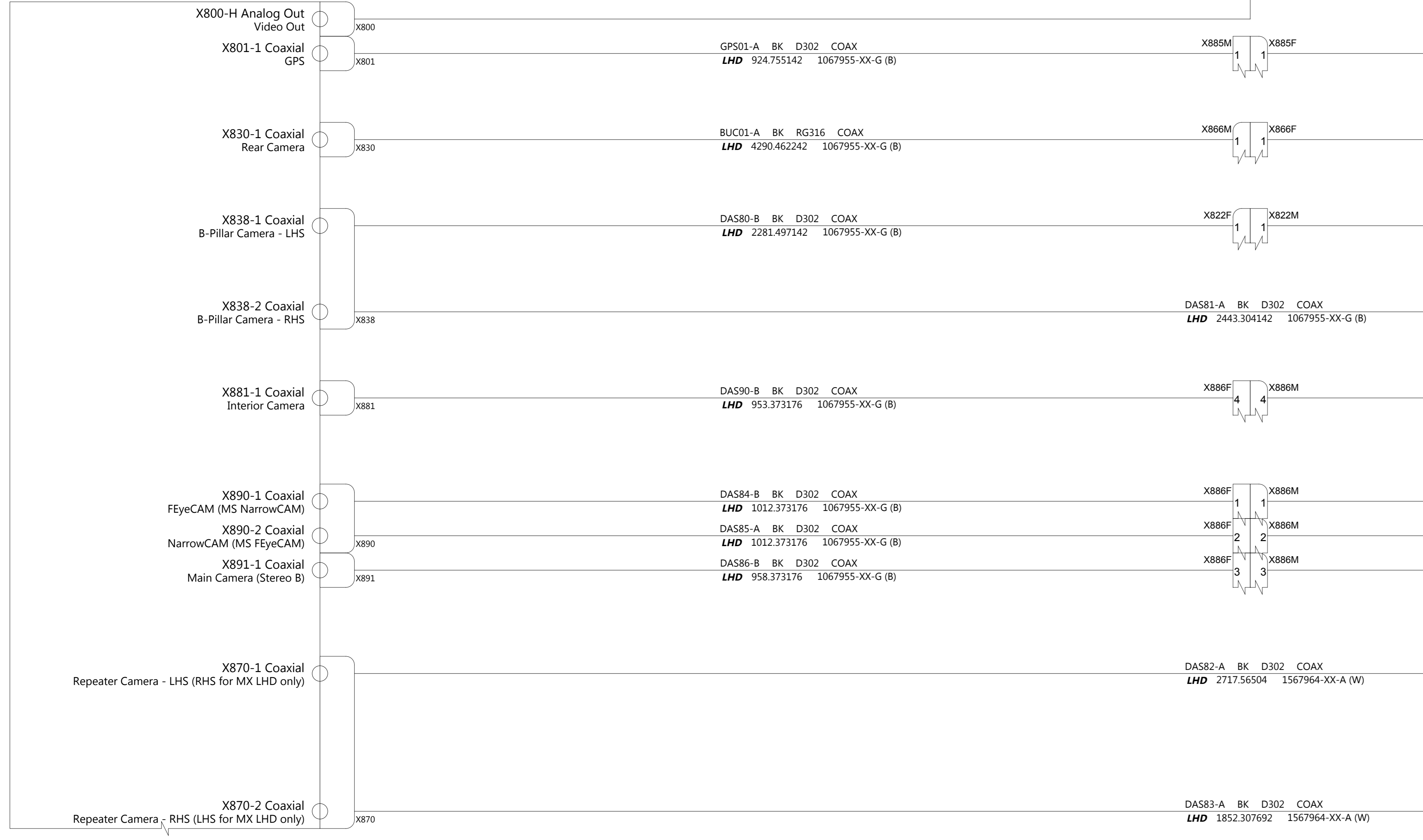


TESLA				
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DRAWN		CHECKED		APPROVED
MATERIAL AS SPECIFIED		FINISHING AS SPECIFIED		SCALE NONE
PART NAME Restraints Airbags				
PART NUMBER	REV	SHEET	SIZE	
	2	38 OF 45	A0	

LHD
 MCU (LHD)
 W,B X170 X171 X172 X173 X174 X802 X803 X804 X831 X859 X860 X863 X864



LHD
 Autopilot ECU
 W,J,B X003 X120 X121 X122 X800 X801 X830 X838 X870 X881 X890 X891



Radio Tuner
 B X562 X815 X818



BINLT
 USB Ports Front (B)
 C

X805A-1 Analog In Analog In

PINLT
 USB Ports Front
 C

X805-1 Analog In

Antenna - LTE Left
 D

X807-1 Coaxial LTE out

Antenna - LTE Right
 P

X808-1 Coaxial LTE out

Antenna - WiFi Left Mirror
 D

X809-1 Coaxial WIFLH IN

Antenna - Bluetooth & WiFi
 B

X832-1 Coaxial WIFLH/BT IN

Center Display
 J

X861-1 Power In 12V Power

X861-2 Ground Return Ground

X861-H Digital In Data

ECALL
 Antenna - eCall GNSS + GNSS
 J X842 X843

X842-1 Coaxial ECALL GSM/3G

Antenna - GPS
 V

X834-1 Analog In GPS IN

Decklid External Switch & BUC
 T X347 X867

X867-1 Analog In AdasBucPocSerialData5V0

B-Pillar Camera - Left
 A

X816-1 Analog Out AdasPocSerialData5V0

B-Pillar Camera - Right
 B

X817-1 Analog Out AdasPocSerialData5V0

Interior Camera
 V

X880-1 Coaxial AdasInteriorCamPoc5V0

Triple Camera
 V X896 X898

X896-1 Analog In AdasTripleWidePocSerialData5V0

X896-2 Analog In AdasTripleNarrowPocSerialData5V0

X898-1 Analog In AdasTripleMainPocSerialData5V0

Side Repeater DAS Left
 W X268 X823

X823-1 Analog In Coax

Side Repeater DAS Right
 W X269 X824

X824-1 Analog Out Coax

Antenna - FM/DAB
 Q

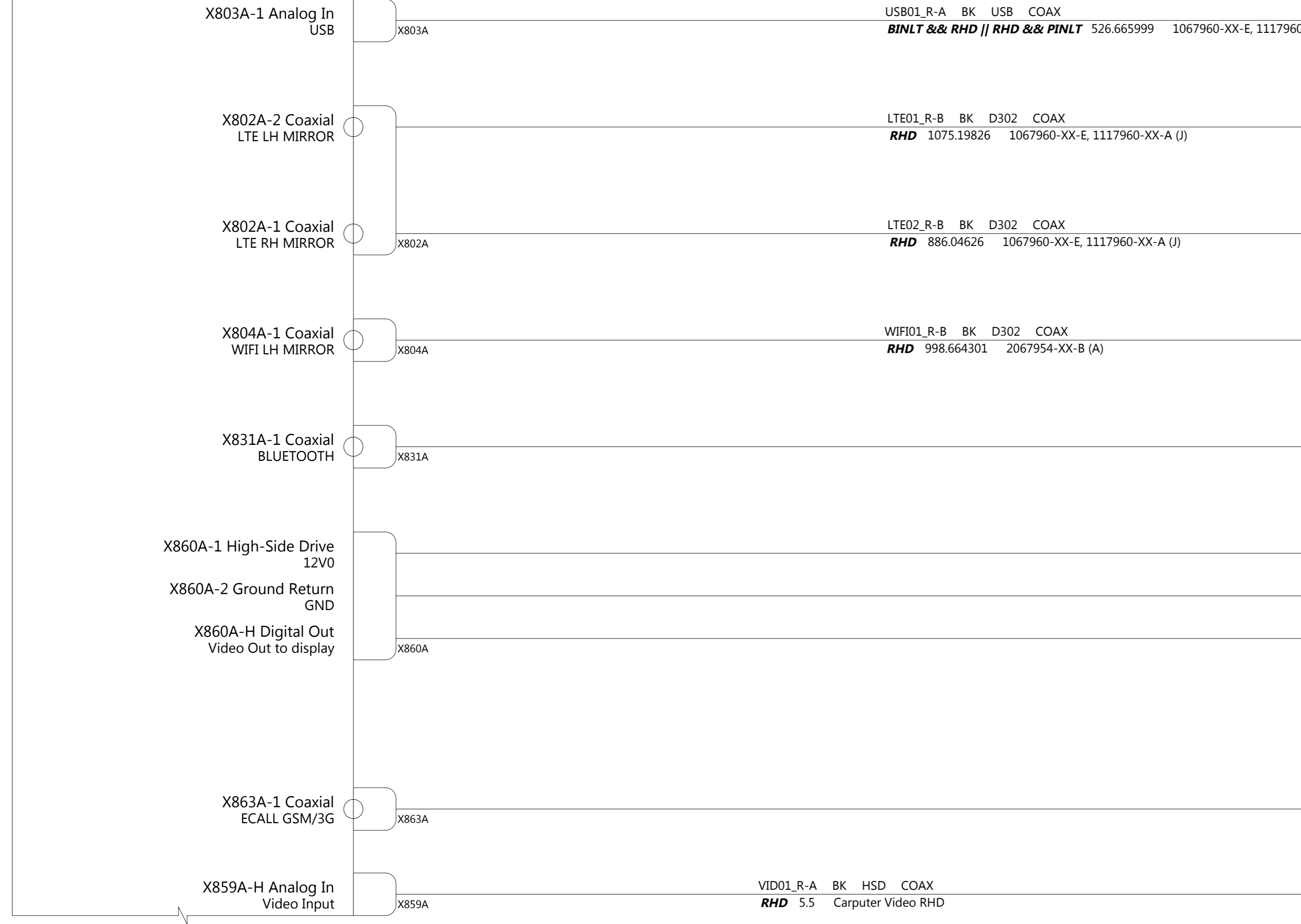
X845-1 Analog In FM/DAB 2 OUT



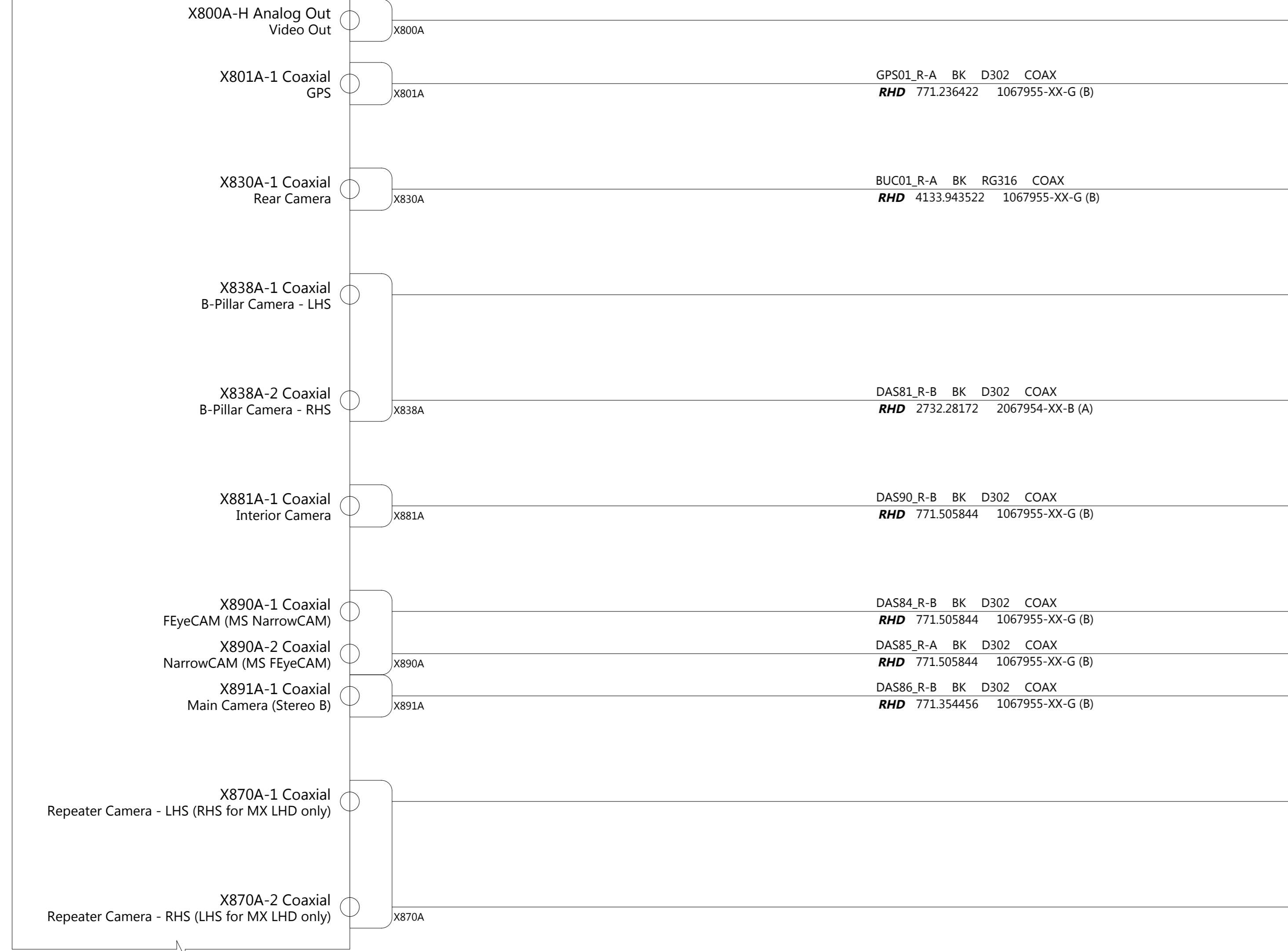
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME RF/Special Cables		
PART NUMBER	REV	SHEET
	2	39 OF 45
		SIZE A0

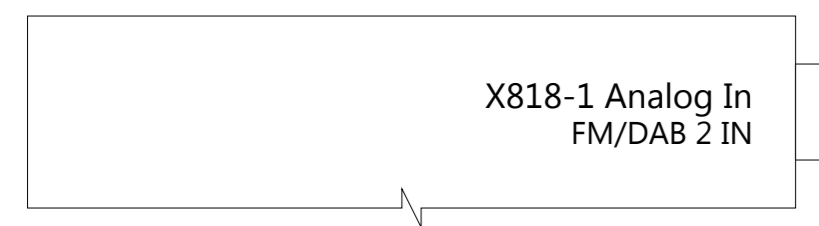
RHD
 MCU (RHD)
 W, B X170A X171A X172A X173A X174A X802A X803A X804A X831A X859A X860A X863A X864A



RHD
 Autopilot ECU (RHD)
 W,J,B,A X003A X120A X121A X122A X800A X801A X830A X838A X870A X881A X890A X981A



Radio Tuner
 B X815 X818



USB01_R-B BK USB COAX
 RHD & PINLT 590.0 USB CC 1100827-XX-B

USB01_R-C BK USB COAX
 BINLT & RHD 590.0 USB CC 1100827-XX-B

BTH01_R-A BK D302 COAX
 RHD 2164.189365 1067955-XX-G (B)

DIS01_R-A RD 0.50 FLY
 RHD 534.640477 1067960-XX-E, 1117960-XX-A (J)

DIS02_R-A BK 0.50 FLY
 RHD 534.640477 1067960-XX-E, 1117960-XX-A (J)

DIS03_R-A BK HSD COAX
 RHD 534.640477 1067960-XX-E, 1117960-XX-A (J)

GSM01_R-A BK D302 COAX
 ECALL & RHD 560.162287 1067960-XX-E, 1117960-XX-A (J)

GPS01_B BK D462 COAX
 RHD 1690.0 1068787-XX-D (V)

BUC01-B BK RG316 COAX
 RHD 1461.0 1068789-XX-E (T)

DAS80_R-A BK D302 COAX
 RHD 2370.42008 2067954-XX-B (A)

DAS81_R-A BK D302 COAX
 RHD 1105.737 1067955-XX-G (B)

DAS90_R-A BK D302 COAX
 RHD 1720.0 1068787-XX-D (V)

DAS84_R-A BK D302 COAX
 RHD 1700.0 1068787-XX-D (V)

DAS85_R-B BK D302 COAX
 RHD 1700.0 1068787-XX-D (V)

DAS86_R-A BK D302 COAX
 RHD 1715.0 1068787-XX-D (V)

DAS82_R-A BK D302 COAX
 RHD 1536.189958 1567964-XX-A (W)

DAS83_R-A BK D302 COAX
 RHD 2774.932612 1567964-XX-A (W)

FM01-A BK D302 COAX
 RHD 1740.0 1068770-XX-D (Q)

PINLT
 USB Ports Front
 C

X805-1 Analog In (X805)

BINLT
 USB Ports Front (B)
 C

X805A-1 Analog In Analog In (X805A)

Antenna - LTE Left
 D

X807-1 Coaxial LTE out (X807)

Antenna - LTE Right
 P

X808-1 Coaxial LTE out (X808)

Antenna - WiFi Left Mirror
 D

X809-1 Coaxial WIFI IN (X809)

Antenna - Bluetooth & WiFi
 B

X832-1 Coaxial WIFI/BT IN (X832)

Center Display
 J

X861-1 Power In 12V Power (X861)

X861-2 Ground Return Ground (X861)

X861-H Digital In Data (X861)

ECALL
 Antenna - eCall GNSS + GNSS
 J X842 X843

X842-1 Coaxial ECALL GSM/3G (X842)

Antenna - GPS
 V

X834-1 Analog In GPS IN (X834)

Decklid External Switch & BUC
 T X347 X867

X867-1 Analog In AdasBucPocSerialData5V0 (X867)

B-Pillar Camera - Left
 A

X816-1 Analog Out AdasPocSerialData5V0 (X816)

B-Pillar Camera - Right
 B

X817-1 Analog Out AdasPocSerialData5V0 (X817)

Interior Camera
 V

X880-1 Coaxial AdasInteriorCamPoc5V0 (X880)

Triple Camera
 V X896 X898

X896-1 Analog In AdasTripleWidePocSerialData5V0 (X896)

X896-2 Analog In AdasTripleNarrowPocSerialData5V0 (X896)

X898-1 Analog In AdasTripleMainPocSerialData5V0 (X898)

Side Repeater DAS Left
 W X268 X823

X823-1 Analog In Coax (X823)

Side Repeater DAS Right
 W X269 X824

X824-1 Analog Out Coax (X824)

Antenna - FM/DAB
 Q

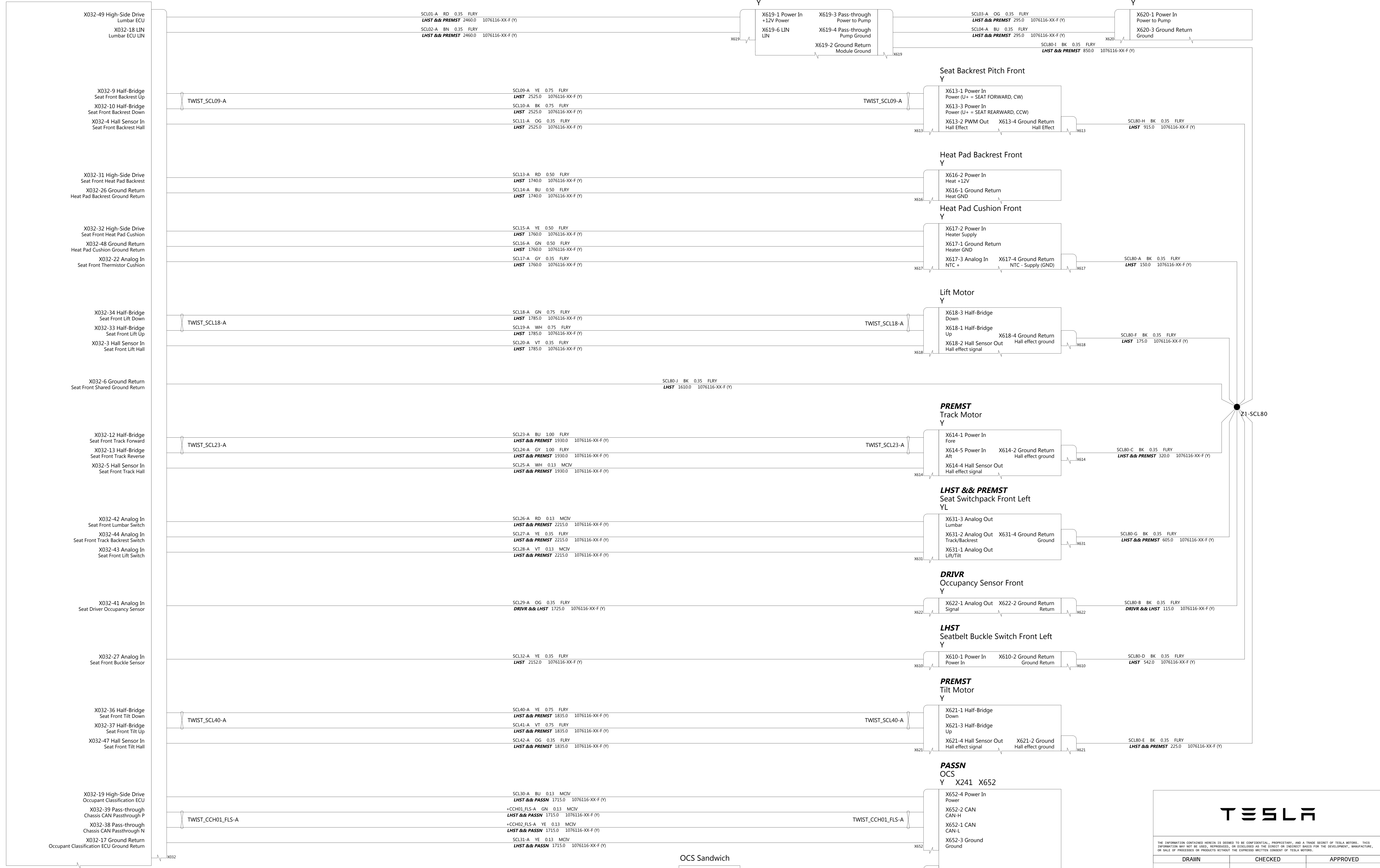
X845-1 Analog In FM/DAB 2 OUT (X845)



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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME RF/Special Cables, RHD		
PART NUMBER	REV	SHEET
	2	40 OF 45
		SIZE A0

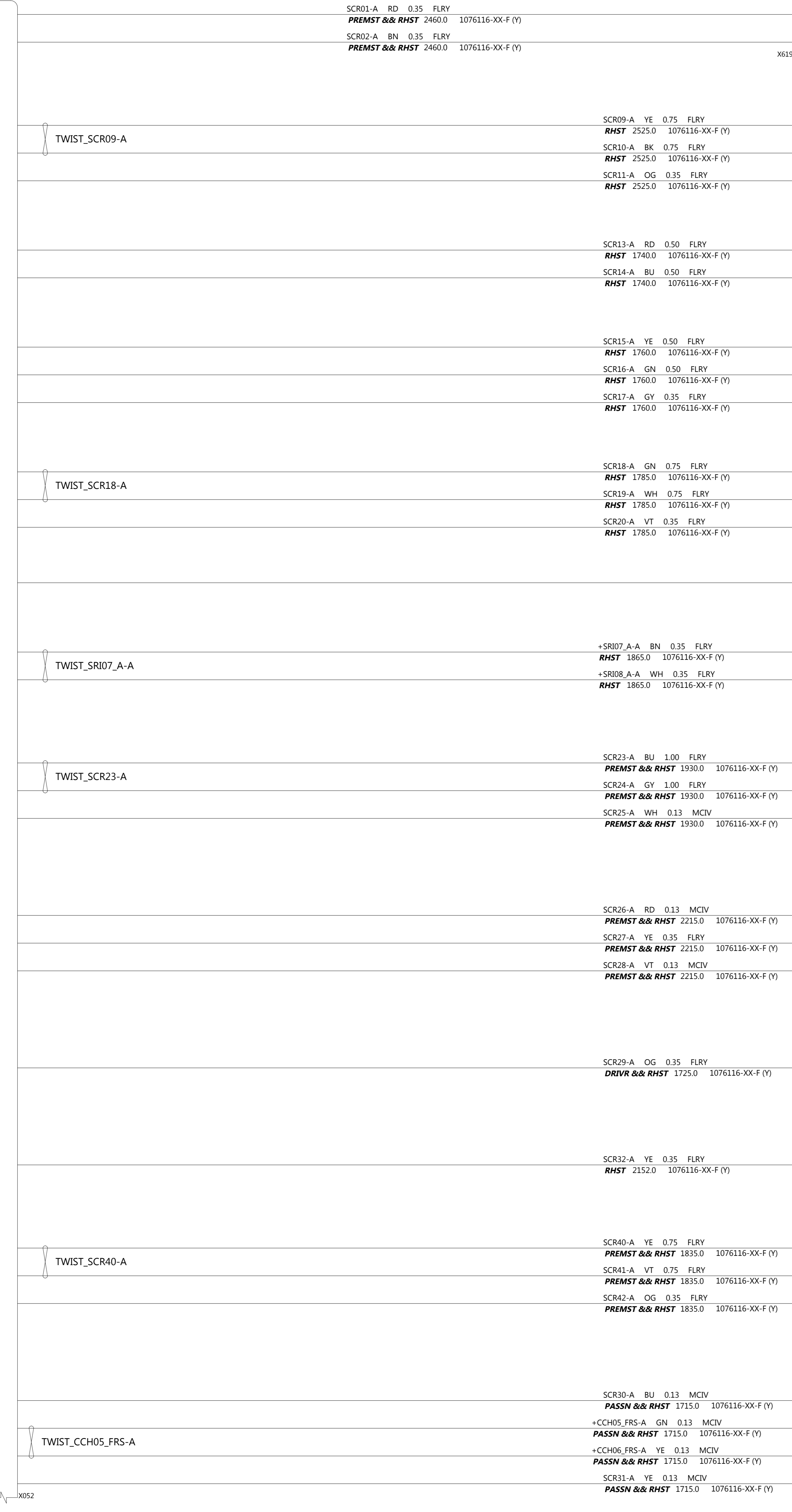
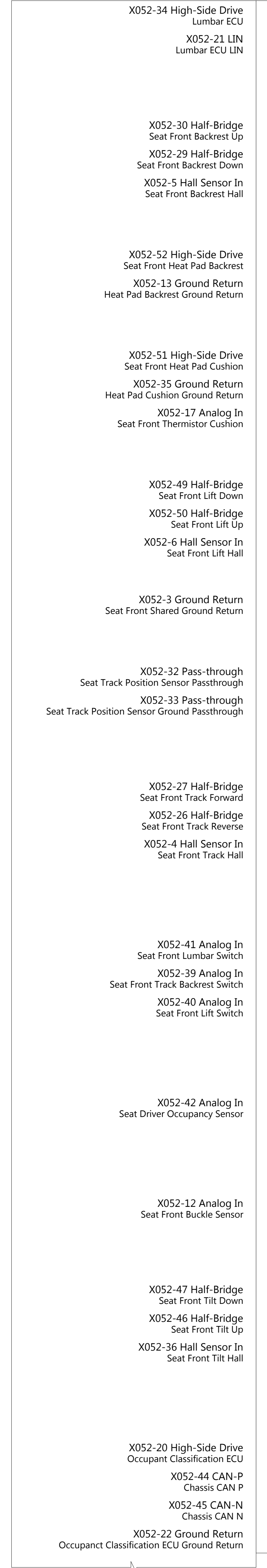
Body Controller Left
A,D,J,W X030 X031 X032 X033 X034 X035 X036 X037 X038



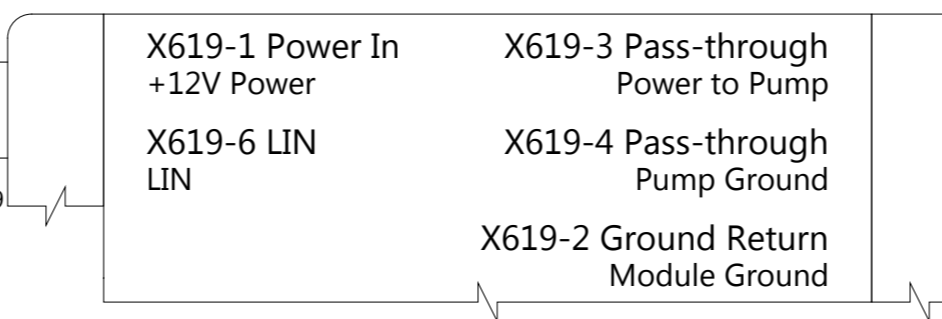
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Seats Front Left		
PART NUMBER	REV	SHEET
	2	41 OF 45
		SIZE A0

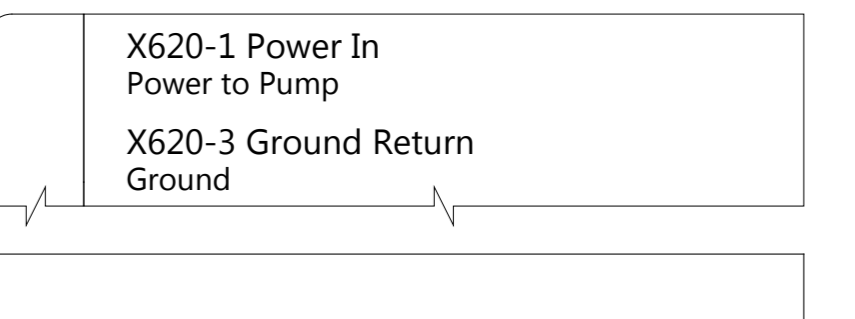
Body Controller Right
B,P,J,W X050 X051 X052 X053 X054 X055 X056 X057 X058



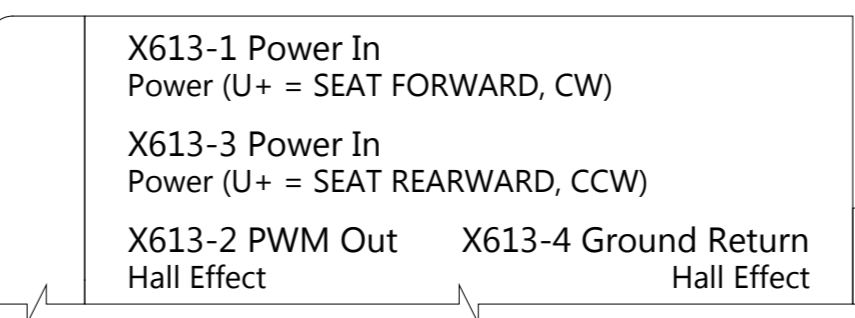
PREMST Lumbar Y



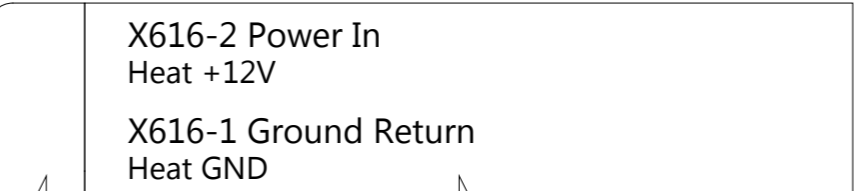
PREMST Lumbar Y



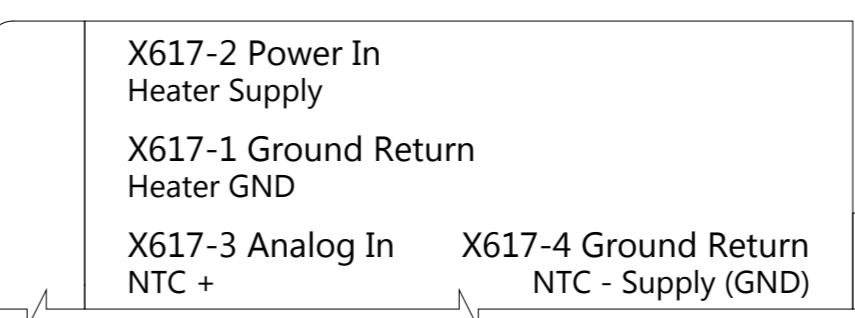
Seat Backrest Pitch Front Y



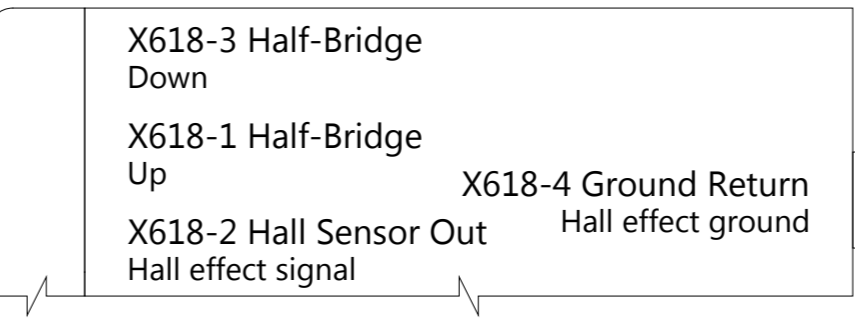
Heat Pad Backrest Front Y



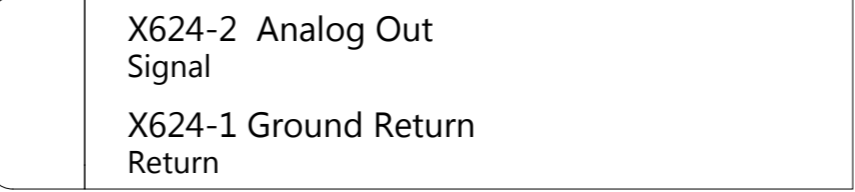
Heat Pad Cushion Front Y



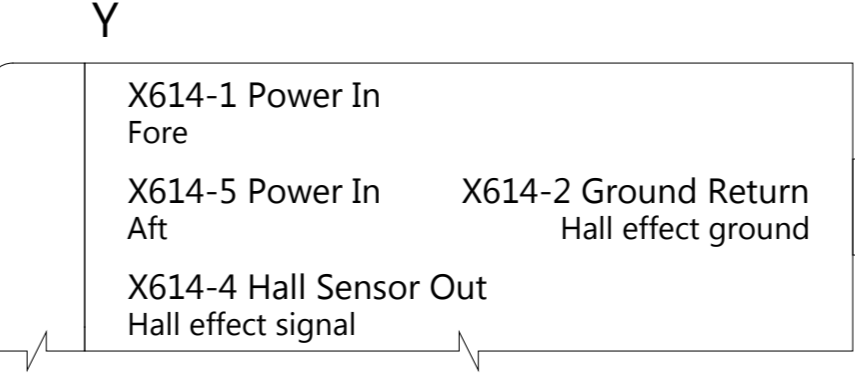
Lift Motor Y



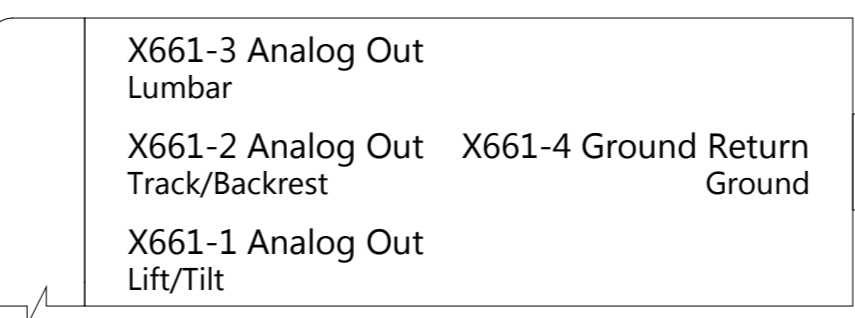
Seat Track Position Sensor Y



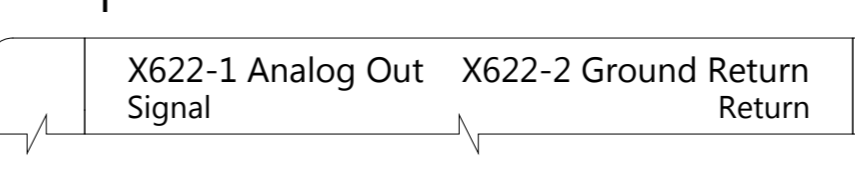
PREMST Track Motor Y



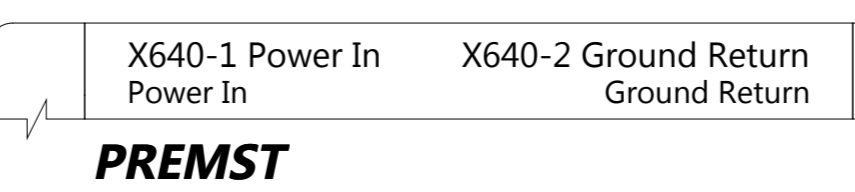
RHST && PREMST Seat Switchpack Front Right YR



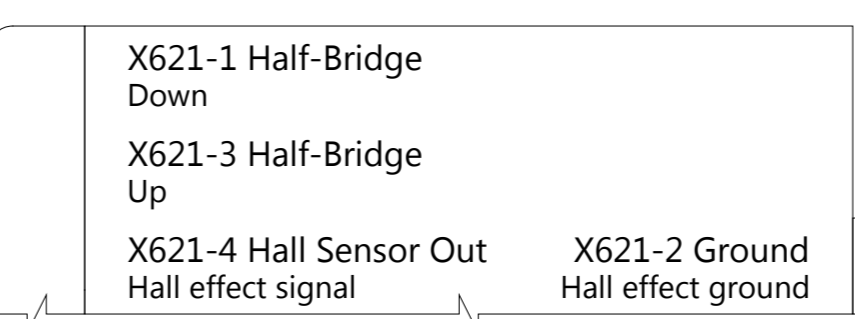
DRIVR Occupancy Sensor Front Y



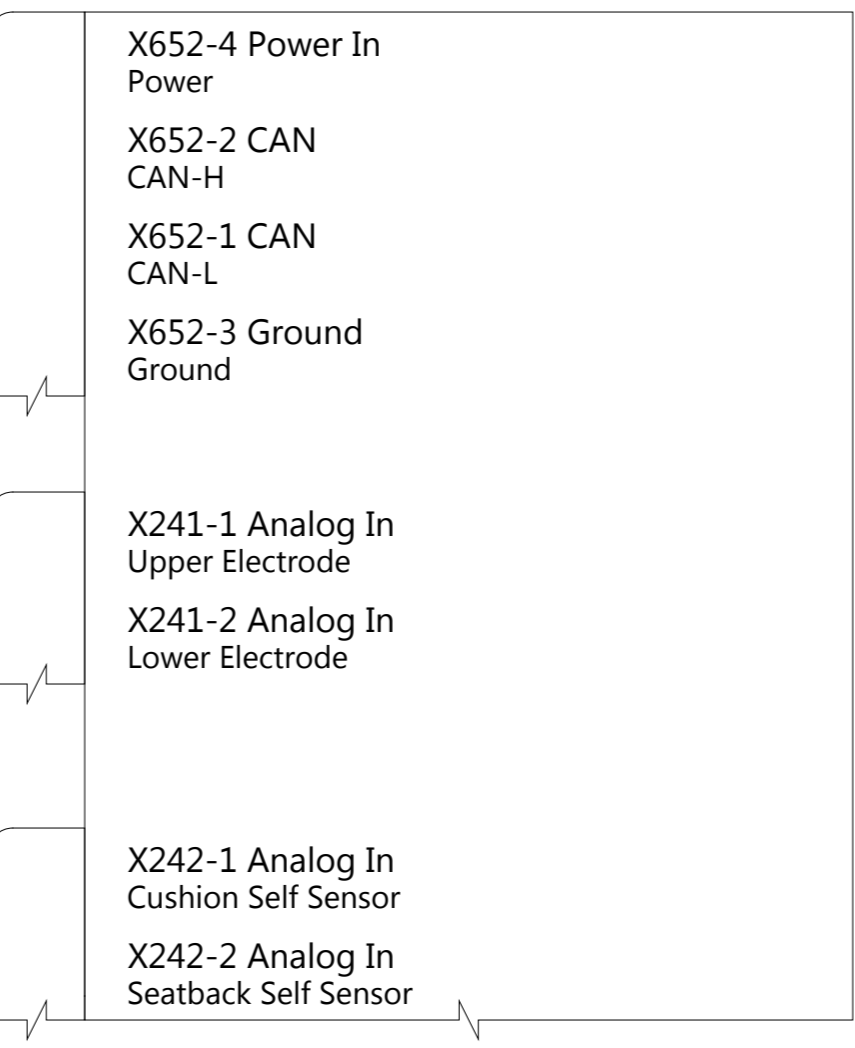
RHST Seatbelt Buckle Switch Front Right YR



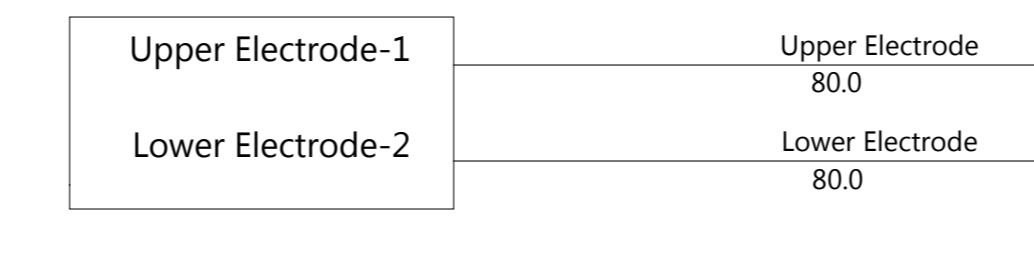
PREMST Tilt Motor Y



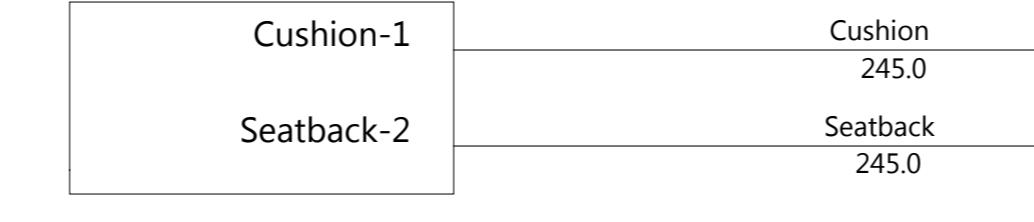
PASSN OCS Y X241 X652



OCS Sandwich

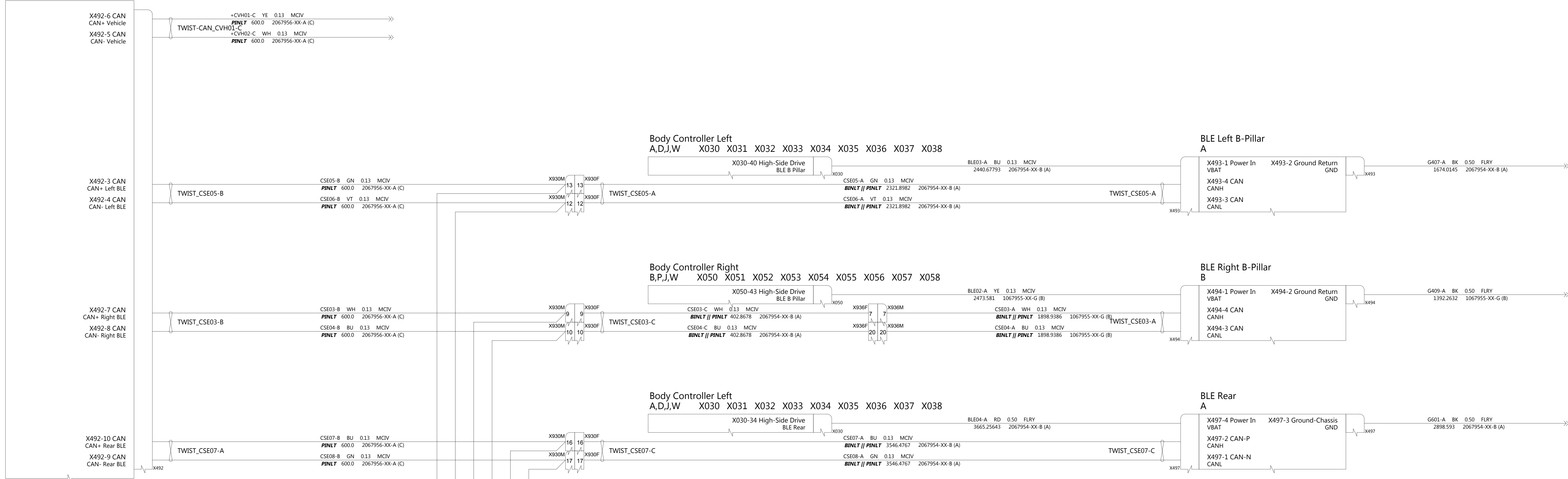


OCS Self-Capacitance

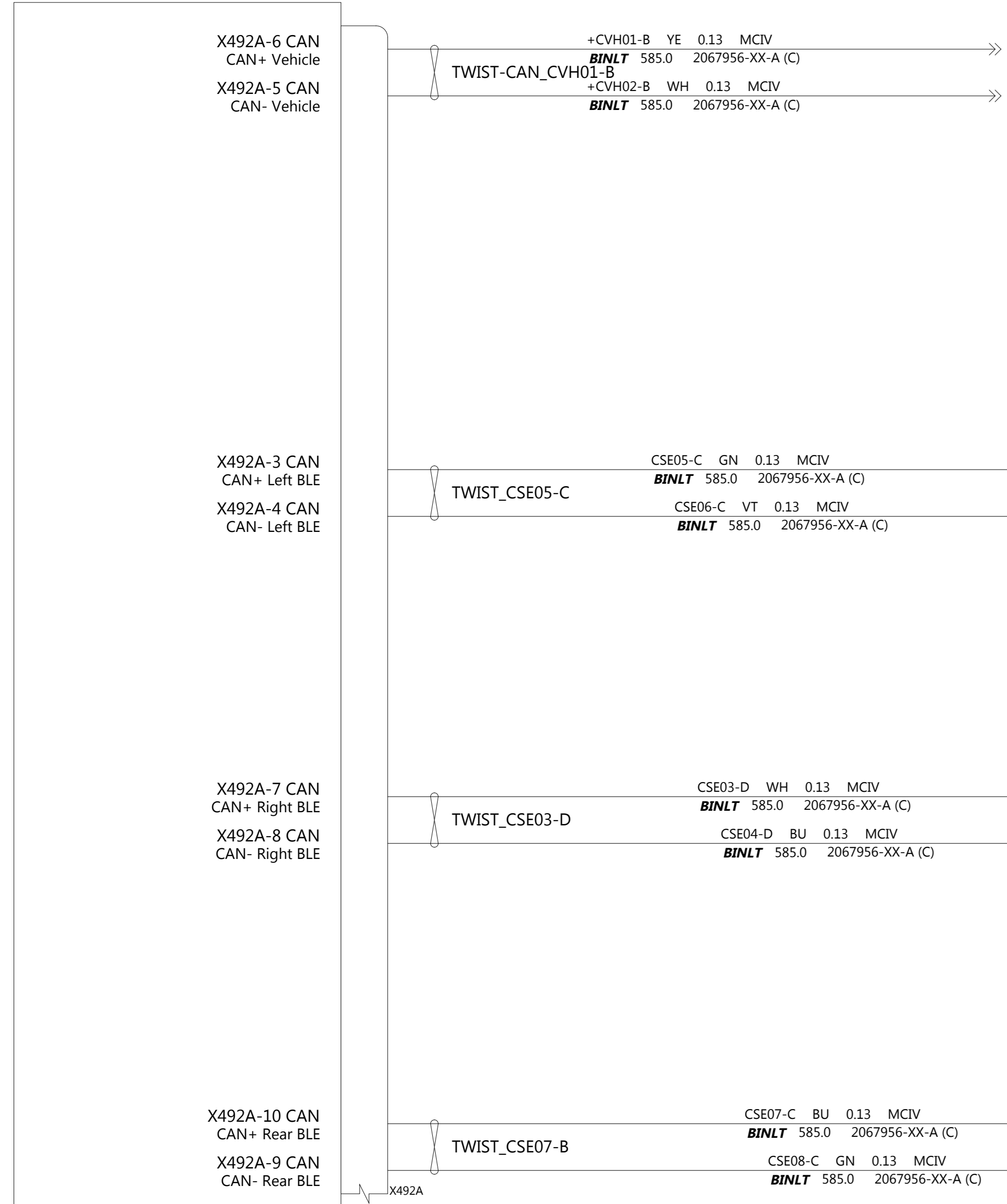


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DRAWN	CHECKED	APPROVED	
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE	
PART NAME Seats Front Right			
PART NUMBER	REV 2	SHEET 42 OF 45	SIZE A0

PINLT
Security Controller
C



BINLT
Security Controller (B)
C

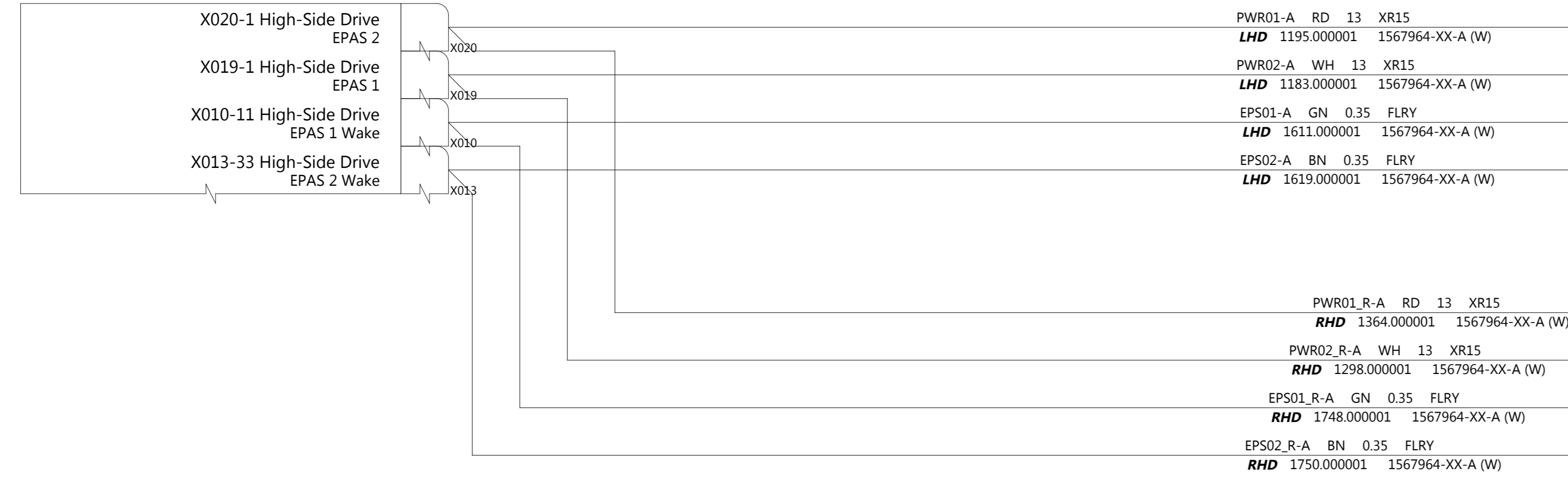


TESLA

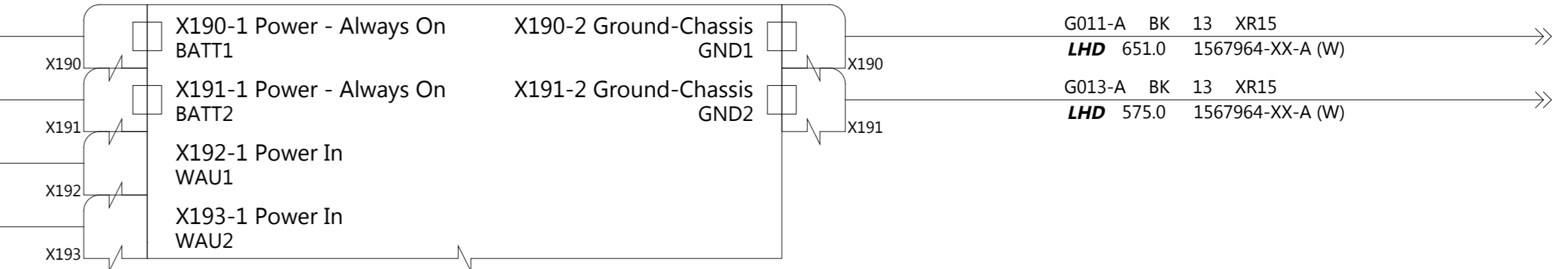
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Security Controls		
PART NUMBER	REV	SHEET
	2	43 OF 45
		SIZE A0

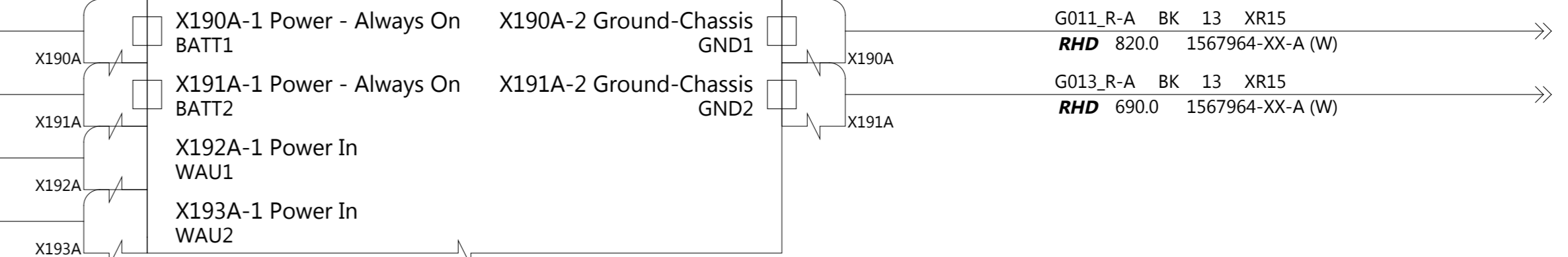
Body Controller Front
W,U X010 X011 X012 X013 X014 X015 X016 X017 X018 X019 X020 X021 X022



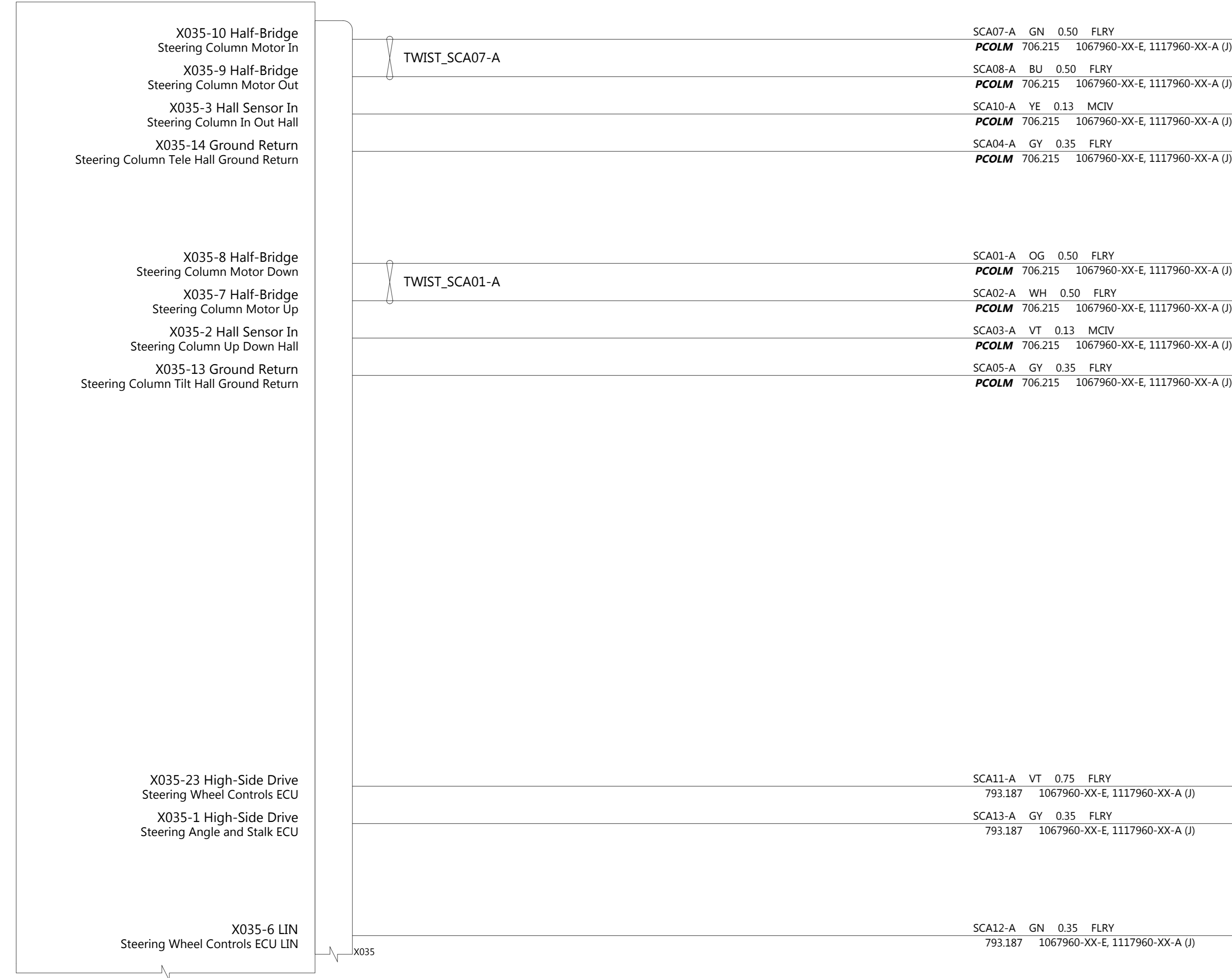
LHD
EPAS (LHD)
W X190 X191 X192 X193



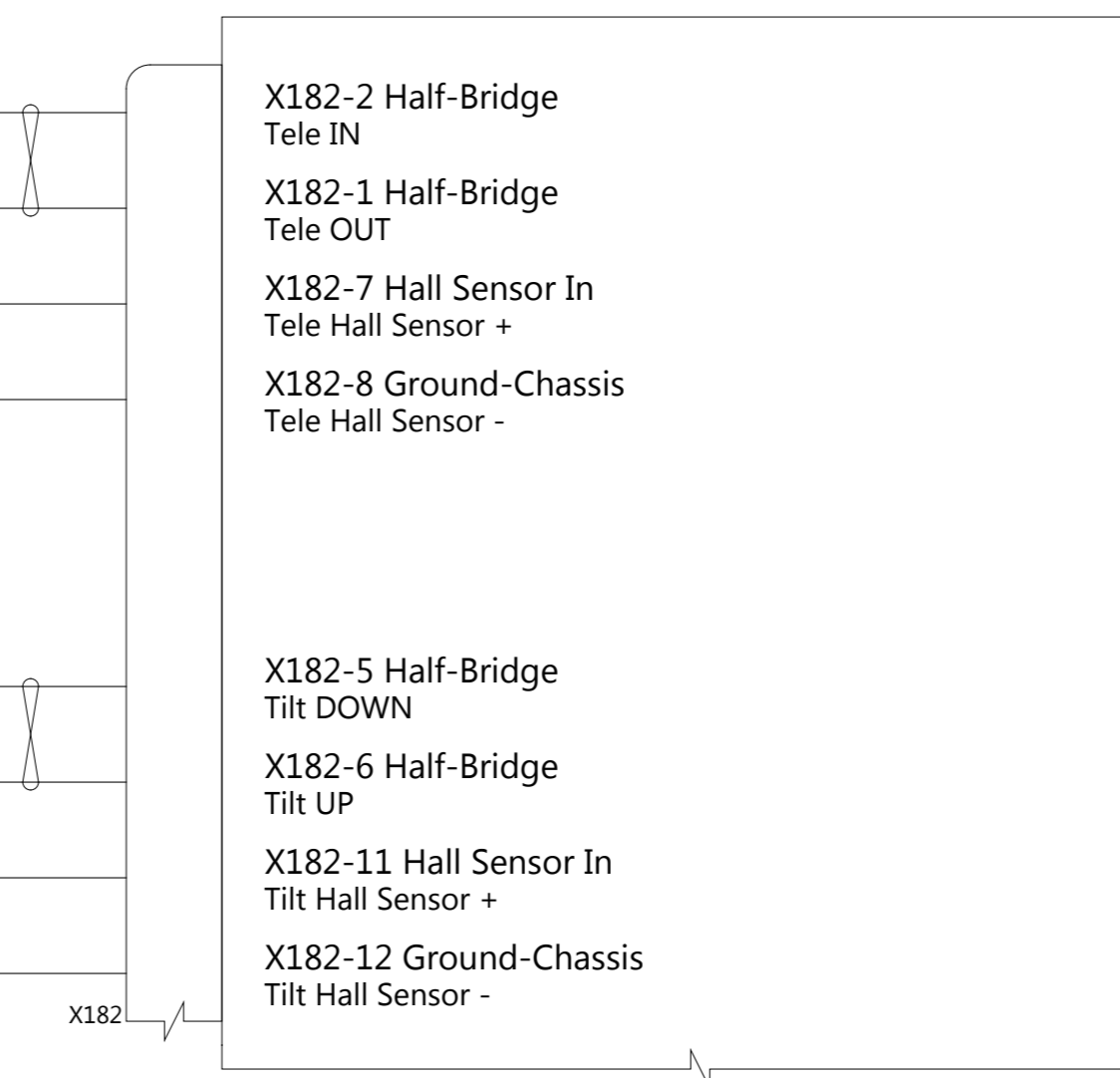
RHD
EPAS (RHD)
W X190A X191A X192A X193A



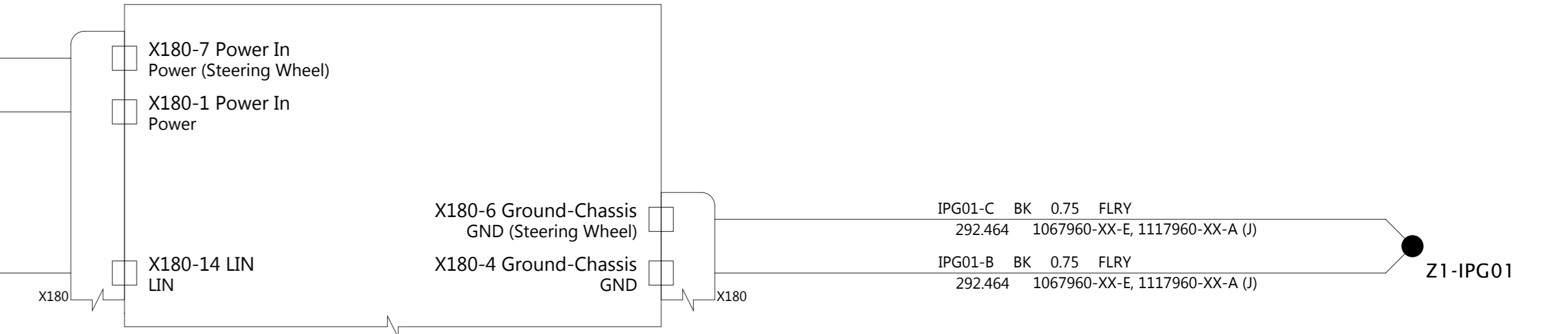
Body Controller Left
A,D,J,W X030 X031 X032 X033 X034 X035 X036 X037 X038



PCOLM
Steering Column Adjust (LHD)
J



Steering Angle and Stalk ECU
J X180 X183 X184

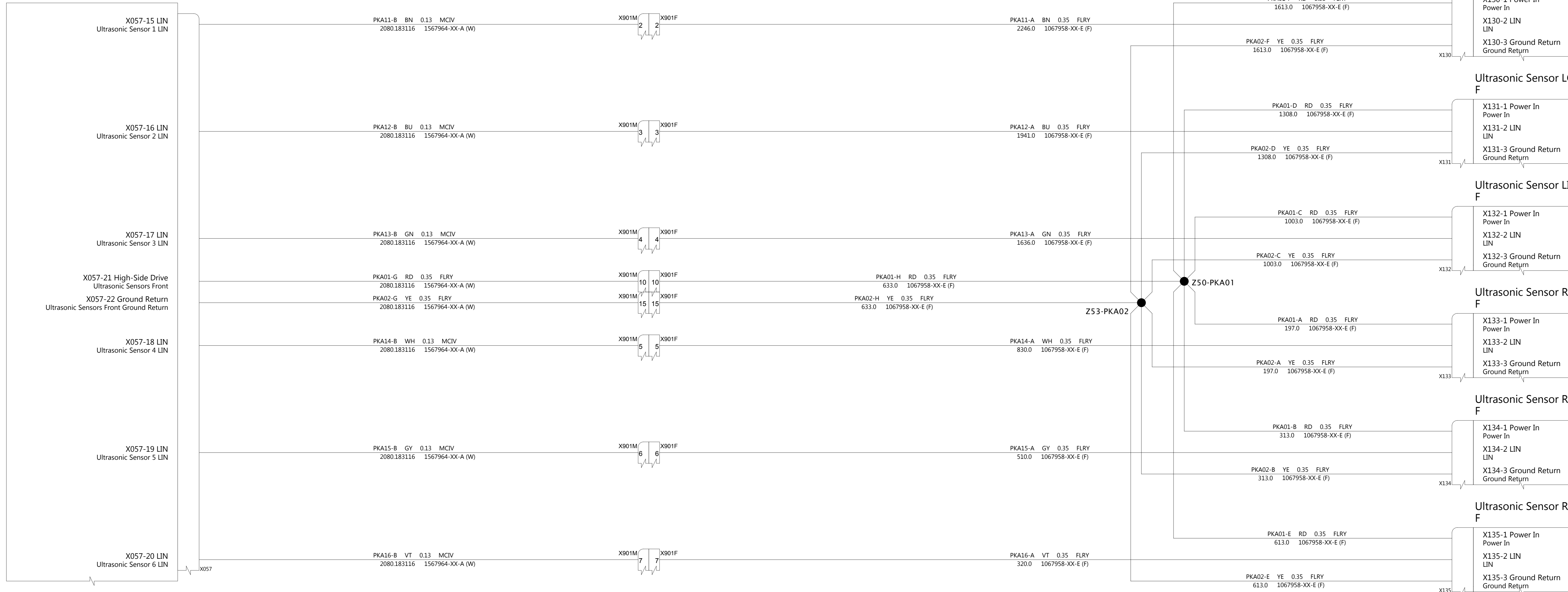


TESLA

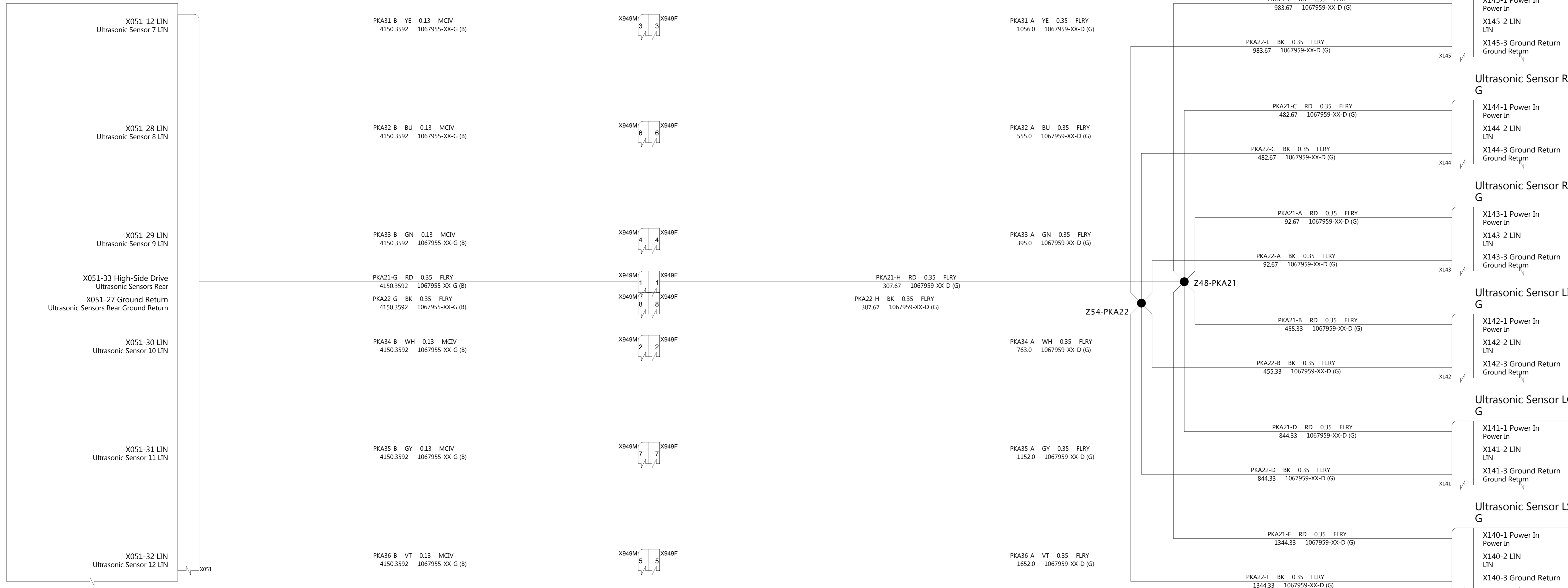
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DRAWN	CHECKED	APPROVED
MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE
PART NAME Steering		
PART NUMBER	REV	SHEET
	2	44 OF 45
		SIZE A0

Body Controller Right
B,P,J,W X050 X051 X052 X053 X054 X055 X056 X057 X058



Body Controller Right
B,P,J,W X050 X051 X052 X053 X054 X055 X056 X057 X058



TESLA

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DRAWN	CHECKED	APPROVED

MATERIAL AS SPECIFIED	FINISHING AS SPECIFIED	SCALE NONE

PART NAME
Ultrasonics

PART NUMBER	REV	SHEET	SIZE
	2	45 OF 45	A0